





## AIRP Polyclonal Antibody

Catalog No  YP-Ab-13866  Isotype  IgG  Reactivity  Human;Rat;Mouse;  Applications  IHC;IF;WB;ELISA  Gene Name  NT5C1B  Protein Name  Cytosolic 5-nucleotidase 1B  Immunogen  The antiserum was produced against synthesized peptide derived from human NT5C1B. AA range:171-220  Specificity  AIRP Polyclonal Antibody detects endogenous levels of AIRP protein.  Formulation  Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source  Polyclonal, Rabbit,IgG  Purification  The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-2000 Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  NT5C1B; AIRP; FKSG85; Cytosolic 5'-nucleotidase 1B; cN1B; Autoimmune infertility-related protein; Cytosolic 5'-nucleotidase 1B; cN-IB  Observed Band  G9kD  Cell Pathway  Cytoplasm.  Tissue Specificity  Highly expressed in testis, placenta and pancreas. Detected at lower levels in heart, kidney, liver and lung.  Tissue Specificity  Highly expressed in testis, placenta and pancreas. Detected at lower levels in heart, kidney, liver and lung.  actalytic activity: A 5'-ribonucleotide + H(2)0 = a ribonucleoside + prospinate, oriector Magnesium, enzyme regulation Activated by deoxyribonucleotides, Helps to regulate aden osine levels, function: Exhibits an oxidoreductive catalytic activity towards retinoids. Most efficient as an NADPH-dependent retinal reductase. Displays high activity toward 9-cis and NADPH-dependent retinal reductase. Displays high activity toward 9-cis and intensity. Belongs to the 5'nucleotidase type 3 family, similarity. Belongs to the 5'nucleotidase flevers denystogeneses (SaR) family, issue specificity: Expressed in testis, placenta and pancreas. Detected at lower levels in heart, kidney, liver and lung., adenosine which requalsted silvers denystogions processes (SaR) redu		
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Gene Name         NT5C1B           Protein Name         Cytosolic 5'-nucleotidase 1B           Immunogen         The antiserum was produced against synthesized peptide derived from human NT5C1B. AA range:171-220           Specificity         AIRP Polyclonal Antibody detects endogenous levels of AIRP protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Polyclonal, Rabbit, IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000 lmmunohistochemistry: 1/100 - 1/300. lmmunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         NT5C1B; AIRP; FKSG85; Cytosolic 5'-nucleotidase 1B; cN1B; Autoimmune infertility-related protein; Cytosolic 5'-nucleotidase 1B; cN-IB           Observed Band         69kD           Cell Pathway         Cytoplasm .           Tissue Specificity         Highly expressed in testis, placenta and pancreas. Detected at lower levels in heart, kidney, liver and lung.           Function         catalytic activityty A 5'-ribonucleotide + H(2)O = a ribonucleoside + phosphate, cofactor:Magnesium. enzyme regulation:Activated by ADP. function:Exhibits an oxidoreductive cat	Reactivity	Human;Rat;Mouse;
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Immunogen  The antiserum was produced against synthesized peptide derived from human NT5C1B. AA range:171-220  Specificity  AIRP Polyclonal Antibody detects endogenous levels of AIRP protein.  Formulation  Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source  Polyclonal, Rabbit,IgG  Purification  The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-2000 immunohistochemistry: 1/100 - 1/300. immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  NT5C1B; AIRP; FKSG85; Cytosolic 5'-nucleotidase 1B; cN1B; Autoimmune infertility-related protein; Cytosolic 5'-nucleotidase 1B; cN-IB  Observed Band  69kD  Cell Pathway  Cytoplasm  Tissue Specificity  Highly expressed in testis, placenta and pancreas. Detected at lower levels in heart, kidney, liver and lung.  Function  catalytic activity: A 5'-ribonucleotide + H(2)O = a ribonucleoside + hosphale. cofactor:Magnesium.,enzyme regulation:Activated by ADP, function:Dephosphorylates the 5' and 2(3')-phosphates of deoxyribonucleotides. Helps to regulate adenosine levels. function:Exhibits an oxidoreductive catalytic activity towards retinoids. Most efficient as an NADPH-dependent retinal reductase. Displays high activity toward-ose and all-trans-retinol. No steriorid dehydrogenesse activity detected, similarity:Belongs to the 5'-nucleotidase type 3 family. similarity:Belongs to the short-chain dehydrogenases/reductases (SDR) family. sissue specificity:Expressed in testis, placenta and pancreas. Detected at lower levels in heart, kidney, liver and lung.  Cytosolic 5-prime nucleotidases, such as NT5C1B, catalyze production of	Gene Name	NT5C1B
Specificity AIRP Polyclonal Antibody detects endogenous levels of AIRP protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Polyclonal, Rabbit, IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000 Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms NT5C1B; AIRP; FKSG85; Cytosolic 5'-nucleotidase 1B; cN1B; Autoimmune infertility-related protein; Cytosolic 5'-nucleotidase IB; cN-IB  Observed Band 69kD  Cell Pathway Cytoplasm.  Tissue Specificity Highly expressed in testis, placenta and pancreas. Detected at lower levels in heart, kidney, liver and lung.  Function catalytic activity: A 5'-ribonucleotide + H(2)O = a ribonucleoside + phosphate, cofactor. Magnesium., enzyme regulation: Activated by ADP, function: Dephosphory/ales the 5' and 2'(3)'-phosphates of deoxyribonucleotides. Helps to regulate adenosine levels. function: Exhibits an oxidoreductive catalytic activity towards retinoids. Most efficient as an NADPH-dependent retinal reductase. Displays high activity toward 9-cis and all-trans-retinol. No steroid dehydrogenase activity detected ,similarity. Belongs to the 5'-nucleotidase type 3 family, similarity. Belongs to the short-chain dehydrogenases/reductases (SDR) family, tissue specificity: Expressed in brain, kidney, pancreas and placenta, tissue specificity: Highly expressed in testis, placenta and pancreas. Detected at lower levels in heart, kidney, liver and lung.  Background	Protein Name	Cytosolic 5'-nucleotidase 1B
Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Polyclonal, Rabbit, IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000 Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.  Concentration 1 mg/ml  Purity ≥90% Storage Stability -20°C/1 year Synonyms NT5C1B; AIRP; FKSG85; Cytosolic 5'-nucleotidase 1B; cN1B; Autoimmune infertility-related protein; Cytosolic 5'-nucleotidase IB; cN-IB  Observed Band 69kD  Cell Pathway Cytoplasm Tissue Specificity Highly expressed in testis, placenta and pancreas. Detected at lower levels in heart, kidney, liver and lung.  Function catalytic activity: A 5'-ribonucleotide + H(2)O = a ribonucleoside + phosphatecofactor:Magnesiumenzyme regulation:Activated by ADPfunction:Dephosphorylates the 5' and 2'(3')-phosphates of deoxyribonucleotides. Helps to regulate adenosine levels. function:Exhibits an oxidoreductive catalytic activity towards retinoids. Most efficient as an NADPH-dependent retinal reductase. Displays high activity toward 9-cis and all-trans-retinol. No steroid dehydrogenase activity detected., similarity:Belongs to the 5'-nucleotidase type 3 family., similarity:Belongs to the short-chain dehydrogenases/reductases (SDR) family, tissue specificity:Expressed in brain, kidney, pancreas and placenta, tissue specificity:Highly expressed in testis, placenta and pancreas. Detected at lower levels in heart, kidney, liver and lung.  Cytosolic 5-prime nucleotidases, such as NT5C1B, catalyze production of	Immunogen	
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heart, kidney, liver and lung.  catalytic activity:A 5'-ribonucleotide + H(2)O = a ribonucleoside + phosphate.,cofactor:Magnesium.,enzyme regulation:Activated by ADP.,function:Dephosphorylates the 5' and 2'(3')-phosphates of deoxyribonucleotides. Helps to regulate adenosine levels.,function:Exhibits an oxidoreductive catalytic activity towards retinoids. Most efficient as an NADPH-dependent retinal reductase. Displays high activity toward 9-cis and all-trans-retinol. No steroid dehydrogenase activity detected.,similarity:Belongs to the 5'-nucleotidase type 3 family.,similarity:Belongs to the short-chain dehydrogenases/reductases (SDR) family.,tissue specificity:Expressed in brain, kidney, pancreas and placenta.,tissue specificity:Highly expressed in testis, placenta and pancreas. Detected at lower levels in heart, kidney, liver and lung.,  Cytosolic 5-prime nucleotidases, such as NT5C1B, catalyze production of	Cell Pathway	Cytoplasm .
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Background Cytosolic 5-prime nucleotidases, such as NT5C1B, catalyze production of adenosine, which regulates diverse physiologic processes (Sala-Newby and	Function	phosphate.,cofactor:Magnesium.,enzyme regulation:Activated by ADP.,function:Dephosphorylates the 5' and 2'(3')-phosphates of deoxyribonucleotides. Helps to regulate adenosine levels.,function:Exhibits an oxidoreductive catalytic activity towards retinoids. Most efficient as an NADPH-dependent retinal reductase. Displays high activity toward 9-cis and all-trans-retinol. No steroid dehydrogenase activity detected.,similarity:Belongs to the 5'-nucleotidase type 3 family.,similarity:Belongs to the short-chain dehydrogenases/reductases (SDR) family.,tissue specificity:Expressed in brain, kidney, pancreas and placenta.,tissue specificity:Highly expressed in testis,
adentesine, milen regulates arreites priferengie precesses (eata rienz) and	Background	



## UpingBio technology Co.,Ltd

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Newby, 2001 [PubMed 11690631]).[supplied by OMIM, Mar 2008],

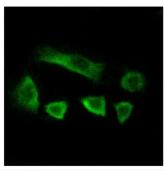
matters needing attention

Avoid repeated freezing and thawing!

**Usage suggestions** 

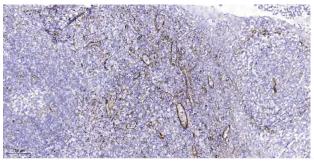
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**





Immunofluorescence analysis of A549 cells, using NT5C1B Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Tris-EDTA,pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight.3,Secondary antibody was diluted at 1:200(room temperature, 45min).