





## DCK rabbit pAb

Polyclonal, Rabbit, IgG		
Reactivity Human; Mouse;Rat  Applications WB  Gene Name DCK  Protein Name DCK  Immunogen Synthesized peptide derived from human DCK AA range: 62-112  Specificity This antibody detects endogenous levels of DCK at Human/Mouse/Rat  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 serum by affinity-chromatograpusing specific immunogen.  Dilution WB 1: 500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band  Cell Pathway Nucleus.  Tissue Specificity  Function catalytic activity:NTP + deoxycytidine = NDP + dCMP, function:Required for phosphorylation of the deoxyribonucleosides deoxycytidine (dC), deoxyguan (dG) and deoxyadenosine (dA). It is also an essential enzyme for the phosphorylation of numerous nucleoside analogs widely employed as antivity and chemotherapeutic agents. PTM: Phosphorylated upon DNA damage, probably by ATM or ATR, similarity:Belongs to the DCK/DGK family, subunit.Homodimer.  Deoxycytidine kinase (DCK) is required for the phosphorylation of several deoxyribonucleoside analogs. Deficiency of DCK is associated with resistance to antiviral and anticencer chemotherapeutic age Conversely, increased deoxycytidine kinase activity is associated with resistance to antiviral and anticencer chemotherapeutic age conversely, increased deoxycytidine kinase activity is associated with risoractivation of these compounds to cytotoxic nucleoside tinjosphate derivativity in creased deoxycytidine kinase activity is associated with risoractivity in and anticencer chemotherapeutic age	Catalog No	YP-Ab-11413
Applications  Gene Name  DCK  Protein Name  DCK  Immunogen  Synthesized peptide derived from human DCK AA range: 62-112  Specificity  This antibody detects endogenous levels of DCK at Human/Mouse/Rat  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 serum by affinity-chromatograpusing specific immunogen.  Dilution  WB 1: 500-2000  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  Observed Band  Cell Pathway  Nucleus  Tissue Specificity  Function  catalytic activity:NTP + deoxycytidine = NDP + dCMP, function:Required for phosphorylation of the deoxyribonucleosides deoxycytidine (dC), deoxyguan (dG) and deoxyadenosine (dA). It is also an essential enzyme for the phosphorylation of numerous nucleoside analogs widely employed as antivia and chemotherapeutic agents. PTM: Phosphorylated upon DNA damage, probably by ATM or ATR, similarity:Belongs to the DCK/DGK familly, subunit. Homodimer.  Deoxycytidine kinase (DCK) is required for the phosphorylation of several deoxyribonucleoside analogs. Deficiency of DCK is associated with resistance to antiviral and anticancer chemotherapeutic age Conversely, increased deoxycytidine kinase activity is associated with resistance to antiviral and anticancer chemotherapeutic age conversely, increased deoxycytidine kinase activity is associated with resistance to antiviral and anticancer chemotherapeutic age conversely, increased deoxycytidine kinase activity is associated with resistance to antiviral and anticancer chemotherapeutic age conversely, increased deoxycytidine kinase activity is associated with resistance to antiviral and anticancer chemotherapeutic age	Isotype	IgG
Gene Name         DCK           Protein Name         DCK           Immunogen         Synthesized peptide derived from human DCK AA range: 62-112           Specificity         This antibody detects endogenous levels of DCK at Human/Mouse/Rat           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 serum by affinity-chromatograpusing specific immunogen.           Dilution         WB 1: 500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Observed Band           Cell Pathway         Nucleus .           Tissue Specificity           Function         catalytic activity:NTP + deoxycytidine = NDP + dCMP, function:Required for phosphorylation of the deoxyribonucleoside analogs widely employed as antivity and chemotherapeutic agents.ptm.phosphorylated nor phosphorylation of numerous nucleoside analogs widely employed as antivity and chemotherapeutic agents.ptm.phosphorylated nor DNA damage, probably by ATM or ATR, similarity:Belongs to the DCK/DGK family, subunit:Homodimer., busubunit:Homodimer., because and the proposition of the deoxycytidine kinase activity is associated with increase deoxycytidine kinase activity is associated with resistance to antiviral and anticancer chemotherapeutic aget conversely, increased deoxycytidine kinase activity i	Reactivity	Human; Mouse;Rat
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Specificity   This antibody detects endogenous levels of DCK at Human/Mouse/Rat	Protein Name	DCK
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Polyclonal, Rabbit, IgG	Specificity	This antibody detects endogenous levels of DCK at Human/Mouse/Rat
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sensitivity. [provided by RefSeq, Jul 2008],	Background	deoxyribonucleosides and their nucleoside analogs. Deficiency of DCK is associated with resistance to antiviral and anticancer chemotherapeutic agents. Conversely, increased deoxycytidine kinase activity is associated with increased activation of these compounds to cytotoxic nucleoside triphosphate derivatives. DCK is clinically important because of its relationship to drug resistance and



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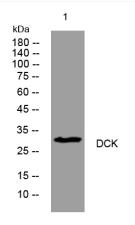
matters needing attention

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**



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night