



# PURA1 rabbit pAb

<b>Catalog No</b>	YP-Ab-11171
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse
<b>Applications</b>	WB;IHC
<b>Gene Name</b>	ADSSL1 ADSS1
<b>Protein Name</b>	PURA1
<b>Immunogen</b>	Synthesized peptide derived from human PURA1 AA range: 14-64
<b>Specificity</b>	This antibody detects endogenous levels of PURA1 at Human/Mouse
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1:500-2000;IHC-p 1:50-300
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Cell Pathway</b>	Cytoplasm .
<b>Tissue Specificity</b>	Predominantly expressed in skeletal muscle and heart, as well as in several hematopoietic cell lines and solid tumors.
<b>Function</b>	catalytic activity:GTP + IMP + L-aspartate = GDP + phosphate + N(6)-(1,2-dicarboxyethyl)-AMP.,cofactor:Binds 1 magnesium ion per subunit.,function:Plays an important role in the de novo pathway of purine nucleotide biosynthesis.,pathway:Purine metabolism; AMP biosynthesis via de novo pathway; AMP from IMP: step 1/2.,similarity:Belongs to the adenylosuccinate synthetase family.,subunit:Homodimer.,tissue specificity:Predominantly expressed in skeletal muscle and heart, as well as in several hematopoietic cell lines and solid tumors.,
<b>Background</b>	This gene encodes a member of the adenylosuccinate synthase family of proteins. The encoded muscle-specific enzyme plays a role in the purine nucleotide cycle by catalyzing the first step in the conversion of inosine monophosphate (IMP) to adenosine monophosphate (AMP). Mutations in this gene may cause adolescent onset distal myopathy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016],



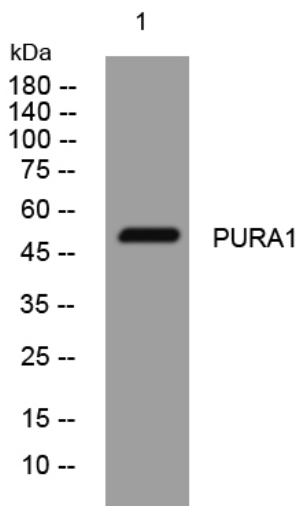
**matters needing attention**

Avoid repeated freezing and thawing!

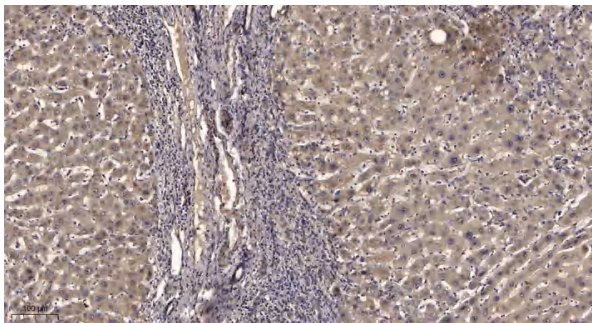
**Usage suggestions**

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 VEC cells, primary antibody was diluted at 1:1000, 4° over night



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