



# AL1L2 rabbit pAb

<b>Catalog No</b>	YP-Ab-11886
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	ALDH1L2
<b>Protein Name</b>	AL1L2
<b>Immunogen</b>	Synthesized peptide derived from human AL1L2 AA range: 74-124
<b>Specificity</b>	This antibody detects endogenous levels of AL1L2 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
<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>	Mitochondrion .
<b>Tissue Specificity</b>	Highly expressed in pancreas, heart, brain and skeletal muscle.
<b>Function</b>	catalytic activity:10-formyltetrahydrofolate + NADP(+) + H(2)O = tetrahydrofolate + CO(2) + NADPH.,sequence caution:Wrong choice of CDS.,similarity:Belongs to the aldehyde dehydrogenase family.,similarity:Contains 1 acyl carrier domain.,similarity:In the C-terminal section; belongs to the aldehyde dehydrogenase family. ALDH1L subfamily.,similarity:In the N-terminal section; belongs to the GART family.,
<b>Background</b>	This gene encodes a member of both the aldehyde dehydrogenase superfamily and the formyl transferase superfamily. This member is the mitochondrial form of 10-formyltetrahydrofolate dehydrogenase (FDH), which converts 10-formyltetrahydrofolate to tetrahydrofolate and CO2 in an NADP(+)-dependent reaction, and plays an essential role in the distribution of one-carbon groups between the cytosolic and mitochondrial compartments of the cell. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Oct 2010],

**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

