



AL1L1 rabbit pAb

Catalog No	YP-Ab-12054
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB
Gene Name	ALDH1L1 FTHFD
Immunogen	Synthesized peptide derived from human AL1L1 AA range: 512-562
Specificity	This antibody detects endogenous levels of AL1L1 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-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	10 FTHFDH; 10-FTHFDH; ALDH1L 1; Cytosolic 10-formyltetrahydrofolate dehydrogenase; EC:1.5.1.6; AL1L1; ALDH1L1 FTHFD
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasm, cytosol .
Tissue Specificity	Highly expressed in liver, pancreas and kidney.
Function	catalytic activity: 10-formyltetrahydrofolate + NADP(+) + H ₂ O = tetrahydrofolate + CO ₂ + NADPH., 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.,
Background	The protein encoded by this gene catalyzes the conversion of 10-formyltetrahydrofolate, nicotinamide adenine dinucleotide phosphate (NADP+), and water to tetrahydrofolate, NADPH, and carbon dioxide. The encoded protein belongs to the aldehyde dehydrogenase family. Loss of function or expression of this gene is associated with decreased apoptosis, increased cell motility, and cancer progression. There is an antisense transcript that overlaps on the



opposite strand with this gene locus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2012],

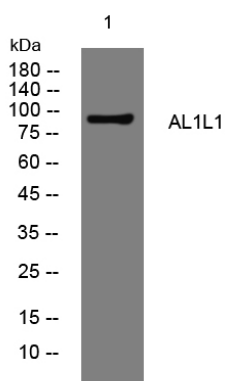
matters needing attention

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 HpeG2 cells, primary antibody was diluted at 1:1000, 4° over night