

AL7A1 rabbit pAb

Catalog_no :	AT6728
Applications :	WB
Reactivity :	Human, Mouse,Rat
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	ALDH7A1 ATQ1
Protein_name :	AL7A1
Humangene_id	501
:	
Humanswissprot	P49419
_no :	
Mousegene_id :	110695
Mouseswissprot	Q9DBF1
_no :	
Ratgene_id :	291450
Ratswissprot_no	Q64057
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Immunogen :	Synthesized peptide derived from human AL7A1
Specificity :	This antibody detects endogenous levels of AL7A1 at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1 : 500-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability	-20°C/1 year
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Background :	The protein encoded by this gene is a member of subfamily 7 in the aldehyde dehydrogenase gene family. These enzymes are thought to play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation.

This particular member has homology to a previously described protein from the green garden pea, the 26g pea turgor protein. It is also involved in lysine catabolism that is known to occur in the mitochondrial matrix. Recent reports show that this protein is found both in the cytosol and the mitochondria, and the two forms likely arise from the use of alternative translation initiation sites. An additional variant encoding a different isoform has also been found for this gene. Mutations in this gene are associated with pyridoxine-dependent epilepsy. Several related pseudogenes have also been identified. [\[provided by RefSeq, Jan 2011\]](#),
