

AL7A1 Rabbit Polyclonal Antibody

Catalog# UZ-PA00514

Product information

产品货号	UZ-PA00514
别名	ATQ1
产品名称	AL7A1 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	ALDH7A1
推荐应用	WB
反应种属	Human,Mouse,Rat
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	501
Human Swissprot No.	P49419
免疫原	Synthesized peptide derived from human AL7A1 AA range: 229-279
稀释度	WB 1:500-2000
参考分子量	59kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	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], [Isoform 2]: Cytoplasm, cytosol . Nucleus .; [Isoform 1]: Mitochondrion .
细胞定位	
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal