



AL4A1 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (kD):
A10475	Rabbit	1 mg/ml	60 kD

Applications	WB
Reactivity	Human, Mouse,Rat
Dilution	WB 1:500-2000
Storage	-20°C/1 year
Specificity	This antibody detects endogenous levels of AL4A1 at Human/Mouse/Rat
Source / Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Immunogen	Synthesized peptide derived from human AL4A1
Uniprot No	P30038
Alternative names	Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial (P5C dehydrogenase) (EC 1.5.1.12) (Aldehyde dehydrogenase family 4 member A1)
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.103% sodium azide.
Clonality	Polyclonal
Isotype	
Conjugation	
Background	This protein belongs to the aldehyde dehydrogenase family of proteins. This enzyme is a mitochondrial matrix NAD-dependent dehydrogenase which catalyzes the second step of the proline degradation pathway, converting pyrroline-5-carboxylate to glutamate. D
Other	Gene_name: ALDH4A1 ALDH4 P5CDH ; Protein_name: AL4A1; Expression: Adipose tissue,Amygdala,Hippocampus,Kidney,Liver,Lung,Placenta,Retina,

Product Images

Application Key:

W-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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