



ALDH9A1 Mouse mAb

Catalog No	YP-mAb-19301
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	ALDH9A1 ALDH4 ALDH7 ALDH9
Protein Name	4-trimethylaminobutyraldehyde dehydrogenase (TMABADH) (Aldehyde dehydrogenase E3 isozyme) (Aldehyde dehydrogenase family 9 member A1) (Gamma-aminobutyraldehyde dehydrogenase) (R-aminobutyraldehyde dehydrogenase)
Immunogen	Synthesized peptide derived from human ALDH9A1
Specificity	This antibody detects endogenous levels of ALDH9A1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Calculated Molecular Weight	54kD
Cell Pathway	Cytoplasm, cytosol .
Tissue Specificity	Detected in brain (at protein level) (PubMed:8645224). High expression in adult liver, skeletal muscle, and kidney. Low levels in heart, pancreas, lung and brain (PubMed:8786138). Expressed in all regions of the brain. Expression levels are variable in the different brain areas, with the highest levels in the spinal cord and the lowest in the occipital pole.
Function	Converts gamma-trimethylaminobutyraldehyde into gamma-butyrobetaine with high efficiency (in vitro). Can catalyze the irreversible oxidation of a broad range of aldehydes to the corresponding acids in an NAD-dependent reaction, but with low efficiency.
Background	



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