

ALDH3A1 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A10483	Rabbit	1 mg/ml	50379
Applications	WB,ELISA		
Reactivity	Human,Rat		
Dilution	WB: 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.		
Storage	-20°C/1 year		
Specificity	ALDH3A1 Polyclonal Antibody detects endogenous levels of ALDH3A1 protein.		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	The antiserum was produced against synthesized peptide derived from human ALDH3A1. AA range:236-285		
Uniprot No	P30838		
Alternative names	ALDH3A1; ALDH3; Aldehyde dehydrogenase, dimeric NADP-preferring; ALDHIII; Aldehyde dehydrogenase 3; Aldehyde dehydrogenase family 3 member A1		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype	IgG		
Conjugation			
Background	aldehyde dehydrogenase 3 family member A1(ALDH3A1) Homo sapiens Aldehyde dehydrogenases oxidize various aldehydes to the corresponding acids. They are involved in the detoxification of alcohol-derived acetaldehyde and in the metabolism of corticosteroids, biogenic amines, neurotransmitters, and lipid peroxidation. The enzyme encoded by this gene forms a cytoplasmic homodimer that preferentially oxidizes aromatic and medium-chain (6 carbons or more) saturated and unsaturated aldehyde substrates. It is thought to promote resistance to UV and 4-hydroxy-2-nonenal-induced oxidative damage in the cornea. The gene is located within the Smith-Magenis syndrome region on chromosome 17. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Sep 2008],		
Other	ALDH3A1, Aldehyde dehydrogenase dimeric NADP-preferring		

Product Images:**Application Key:**

WB-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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