



ALDH3A1 Polyclonal Antibody

ALDH3A1. AA range:236-285 Specificity ALDH3A1 Polyclonal Antibody detects endogenous levels of ALDH3A1 pro Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms ALDH3A1; ALDH3; Aldehyde dehydrogenase, dimeric NADP-preferring; Al Aldehyde dehydrogenase 3; Aldehyde dehydrogenase family 3 member A1 Observed Band 50kD Cell Pathway Cytoplasm Tissue Specificity High levels in stomach, esophagus and lung; low level in the liver and kidner Valention Catalytic activity: An aldehyde + NAD(P)(+) + H(2)O = an acid + NAD(P)H_function: ALDHs play a major role in the detoxification of alcohol-derived acetaldehyde. They are involved in the metabolism of corticosteroids, biogenic amines, neurotransmitters, and lipid peroxidation, protein preferentially oxidizes aromatic aldehyde substrates. It may play a may play and protein preferentially oxidizes aromatic aldehyde substrates. It may play a may play and protein preferentially oxidizes aromatic aldehyde substrates. It may play and protein preferentially oxidizes aromatic aldehyde substrates.		
Applications WB;ELISA Gene Name ALDH3A1 Protein Name Aldehyde dehydrogenase dimeric NADP-preferring Immunogen The antiserum was produced against synthesized peptide derived from hur ALDH3A1. AA range:236-285 Specificity ALDH3A1 Polyclonal Antibody detects endogenous levels of ALDH3A1 pro Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms ALDH3A1; ALDH3; Aldehyde dehydrogenase, dimeric NADP-preferring; AL Aldehyde dehydrogenase 3; Aldehyde dehydrogenase family 3 member A1 Aldehyde dehydrogenase 3; Aldehyde dehydrogenase family 3 member A1 Cobserved Band 50kD Cell Pathway Cytoplasm . Tissue Specificity High levels in stomach, esophagus and lung; low level in the liver and kidner alcohol-derived acetaldehyde . They are involved in the metabolism of corticosteroids, biogenic amines, neurotransmitters, and lipid peroxidation. protein preferentially oxidizes aromatic aldehyde substrates. It may play a remort caledhyde substrates. It	Catalog No	BYab-02847
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dehydrogenase family.,subunit:Homodimer.,tissue specificity:High levels in stomach, esophagus and lung; low level in the liver and kidney.,	Function	NAD(P)H.,function:ALDHs play a major role in the detoxification of alcohol-derived acetaldehyde. They are involved in the metabolism of corticosteroids, biogenic amines, neurotransmitters, and lipid peroxidation. This protein preferentially oxidizes aromatic aldehyde substrates. It may play a role in the oxidation of toxic aldehydes.,similarity:Belongs to the aldehyde dehydrogenase family.,subunit:Homodimer.,tissue specificity:High levels in

Nanjing BYabscience technology Co.,Ltd



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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],
Avoid repeated freezing and thawing!
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.





