ALDH3B2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ALDH3B2, Polyclonal Antibody
Full Product Name	ALDH3B2 Polyclonal Antibody
Product Gene Name	anti-ALDH3B2 antibody
Product Synonym Names	ALDH3B2; ALDH8; aldehyde dehydrogenase family 3 member B2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Rat
Form/Format	PBS with 50% glycerol, pH7.4
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	42,635 Da
OMIM	601917
3D Structure	ModBase 3D Structure for P48448
Immunogen	Recombinant fusion protein of human ALDH3B2 (NP_000686.2).
Conjugation	Unconjugated
Product Categories/Family for anti-ALDH3B2 antibody	Total protein Ab
Applications Tested/Suitable for anti-ALDH3B2 antibody	Immunohistochemistry (IHC)
Application Notes for anti-ALDH3B2 antibody	IHC: 1:50-1:200
Related Product Information for anti-ALDH3B2 antibody	This gene encodes a member of the aldehyde dehydrogenase family, a group of isozymes that may play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. The gene of this particular family member is over 10 kb in length. The expression of these transcripts is restricted to the salivary gland among the human tissues examined. Alternate transcriptional splice variants have been characterized.
Other Notes	Small volumes of anti-ALDH3B2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ALDH3B2 purchase	MBS9432271 is an antibody targeting ALDH3B2. Also known as ALDH3B2 Polyclonal Antibody. Reactive in Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ALDH3B2. It may not necessarily be applicable to this product.

NCBI GI #	73695879
NCBI GeneID	222

NCBI Accession #	NP_000686.2
UniProt Primary Accession #	P48448
UniProt Secondary Accession #	Q53Y98; Q8NAL5; Q96IB2
UniProt Related Accession #	P48448
GenBank Nucleotide #	NM_000695.3
NCBI Official Full Name	aldehyde dehydrogenase family 3 member B2
NCBI Official Synonym Full Names	aldehyde dehydrogenase 3 family, member B2
NCBI Official Symbol	ALDH3B2
NCBI Official Synonym Symbols	ALDH8
UniProt Protein Name	Aldehyde dehydrogenase family 3 member B2
UniProt Synonym Protein Names	Aldehyde dehydrogenase 8
Protein Family	Aldehyde dehydrogenase family
UniProt Gene Name	ALDH3B2
UniProt Synonym Gene Names	ALDH8
UniProt Entry Name	AL3B2_HUMAN
NCBI Protein Information	aldehyde dehydrogenase family 3 member B2; aldehyde dehydrogenase 8; acetaldehyde dehydrogenase 8
UniProt Comments for ALDH3B2	ALDH3B2: a member of the aldehyde dehydrogenase family, a group of isozymes that may play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. The gene of this particular family member is over 10 kb in length. The expression of these transcripts is restricted to the salivary gland among the human tissues examined. Alternate transcriptional splice variants have been characterized. [provided by RefSeq, Jul 2008] Protein type: Amino Acid Metabolism - phenylalanine; Amino Acid Metabolism - tyrosine; Amino Acid Metabolism - histidine; Oxidoreductase; Xenobiotic Metabolism - metabolism by cytochrome P450; Carbohydrate Metabolism - glycolysis and gluconeogenesis; EC 1.2.1.5; Xenobiotic Metabolism - drug metabolism - cytochrome P450 Chromosomal Location of Human Ortholog: 11q13 Molecular Function: aldehyde dehydrogenase (NAD) activity; aldehyde dehydrogenase [NAD(P)+] activity; 3-chloroallyl aldehyde dehydrogenase activity Biological Process: ethanol catabolic process; alcohol metabolic process; lipid metabolic process
Research Articles on ALDH3B2	**1.** Observational study of gene-disease association. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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