

Rabbit anti-Human ALDH3B1 Polyclonal Antibody | anti-ALDH3B1 antibody

ALDH3B1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305271	Rabbit	Human	Immunohistochemistry, Western Blot

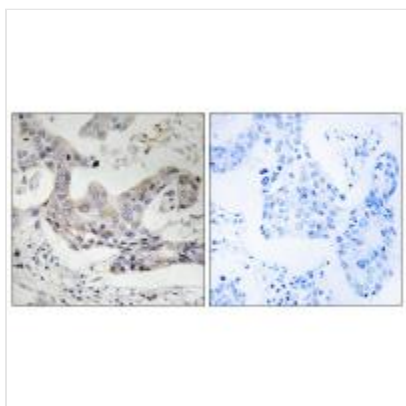
PRODUCT SYNONYMS

ALDH3B1; Polyclonal Antibody; ALDH3B1 Antibody; Aldehyde dehydrogenase 3B1; EC 1.2.1.5; Aldehyde dehydrogenase 7; anti-ALDH3B1 antibody

PRODUCT SPECIFICATIONS

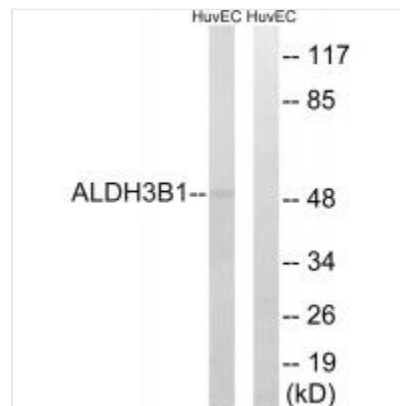
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total ALDH3B1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	468
Applicable Applications for anti-ALDH3B1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human ALDH3B1.
Target Name	ALDH3B1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using ALDH3B1 antibody.



WB (Western Blot)

Western blot analysis of extracts from HuvEc cells, using ALDH3B1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH3B1 antibody	Oxidizes medium and long chain saturated and unsaturated aldehydes. Metabolizes also benzaldehyde. Low activity towards acetaldehyde and 3,4-dihydroxyphenylacetaldehyde. May not metabolize short chain aldehydes. May use both NADP+ and NAD+ as cofactors. May have a protective role against the cytotoxicity induced by lipid peroxidation.Hsu L.C., Gene 151:285-289(1994).Kalnine N., Submitted (AUG-2003) to the EMBL/GenBank/DBJ databases.Imami K., Anal. Sci. 24:161-166(2008).
Product Categories/Family for anti-ALDH3B1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502043
NCBI GeneID	221
NCBI Accession #	NP_000685.1
NCBI GenBank Nucleotide #	NM_000694.3
UniProt Accession #	P43353; Q53XL5; Q8N515; Q96CK8; A3FMP9
Molecular Weight	47,683 Da
NCBI Official Full Name	aldehyde dehydrogenase family 3 member B1 isoform a
NCBI Official Synonym Full Names	aldehyde dehydrogenase 3 family, member B1
NCBI Official Symbol	ALDH3B1
NCBI Official Synonym Symbols	ALDH4; ALDH7
NCBI Protein Information	aldehyde dehydrogenase family 3 member B1
UniProt Protein Name	Aldehyde dehydrogenase family 3 member B1
UniProt Gene Name	ALDH3B1
UniProt Synonym Gene Names	ALDH7
UniProt Entry Name	AL3B1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/aldh3b1-antibody-immunohistochemistry-western-blot-elisa/305271>