

ALDH3B1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00363
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human ALDH3B1. AA range:51-100
Mol wt	51840
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	ALDH3B1 Antibody
Synonyms	ALDH3B1; ALDH7; Aldehyde dehydrogenase family 3 member B1; Aldehyde dehydrogenase 7

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

ALDH3B1 encodes a member of the aldehyde dehydrogenase protein family. Aldehyde dehydrogenases are a family of isozymes that may play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. The encoded protein (aldehyde dehydrogenase 3 family member B1) is able to oxidize long-chain fatty aldehydes in vitro, and may play a role in protection from oxidative stress. Alternative splicing results in multiple transcript variants.

Recommended Dilution

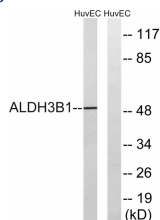
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

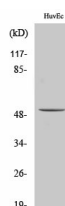
ELISA: 1: 40000

Not yet tested in other applications.

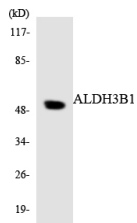
Images



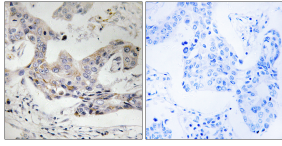
Western blot analysis of lysates from HUVEC cells, using ALDH3B1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using ALDH3B1 Polyclonal Antibody diluted at 1:500



Western blot analysis of the lysates from RAW264.7 cells using ALDH3B1 antibody.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using ALDH3B1 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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