

Datasheet for ABIN6746555

**anti-ALDH3A1 antibody (AA 236-285)**[Go to Product page](#)

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## Overview

Quantity:	100 µL
Target:	ALDH3A1
Binding Specificity:	AA 236-285
Reactivity:	Human, Mouse, Dog, Cow, Guinea Pig, Horse, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH3A1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Synthetic peptide located between aa236-285 of human ALDH3A1 (P30838, NP_000682). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Monkey, Marmoset, Dog, Bovine, Horse, Guinea pig (100%), Gibbon, Rat, Pig, Platypus (92%), Galago, Mouse (85%).  Type of Immunogen: Synthetic peptide
Specificity:	Human ALDH3A1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Dog, Bovine (100%) Pig (92%) Mouse (85%).
Purification:	Immunoaffinity purified

## Target Details

Target:	ALDH3A1
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## Target Details

Alternative Name:	ALDH3A1 ( <a href="#">ALDH3A1 Products</a> )
Background:	Name/Gene ID: ALDH3A1  Synonyms: ALDH3A1, Aldehyde dehydrogenase 3, ALDH3, ALDHIII, Stomach aldehyde dehydrogenase
Gene ID:	218
NCBI Accession:	<a href="#">NP_000682</a>
UniProt:	<a href="#">P30838</a>

## Application Details

Application Notes:	Approved: WB (0.2 - 1 µg/mL)  Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)  Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

## Publications

Product cited in:	Devarajan, De Leon, Talasazan, Schoenfeld, Davidowitz, Burk: "The von Hippel-Lindau gene
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product inhibits renal cell apoptosis via Bcl-2-dependent pathways." in: **The Journal of biological chemistry**, Vol. 276, Issue 44, pp. 40599-605, (2001) ([PubMed](#)).

Zhuang, Demirs, Kochevar: "p38 mitogen-activated protein kinase mediates bid cleavage, mitochondrial dysfunction, and caspase-3 activation during apoptosis induced by singlet oxygen but not by hydrogen peroxide." in: **The Journal of biological chemistry**, Vol. 275, Issue 34, pp. 25939-48, (2000) ([PubMed](#)).

## Images

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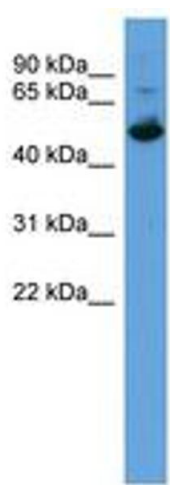


Image 1.