

Datasheet for ABIN571186  
**anti-ALDH3A2 antibody (Internal Region)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	ALDH3A2
Binding Specificity:	Internal Region
Reactivity:	Human, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ALDH3A2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Purpose:	ALDH3A2
Immunogen:	C-KGLKGESVNKLRY
Sequence:	KGLKGESV NK LRY
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_001026976.1, NP_000373.1).
Cross-Reactivity:	Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

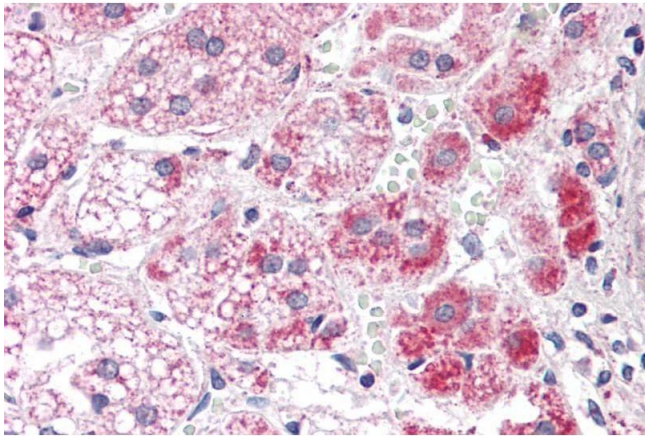
Target:	ALDH3A2
Alternative Name:	Aldh3a2 ( <a href="#">ALDH3A2 Products</a> )
Background:	Aldh3a2, aldehyde dehydrogenase 3 family, member A2, Aldh4, FALDH, alcohol dehydrogenase family 3, subfamily A2, aldehyde dehydrogenase 3A2, aldehyde dehydrogenase 4, aldehyde dehydrogenase family 3 member A2, aldehyde dehydrogenase family 3, subfamily A2
Gene ID:	11671, 65183
NCBI Accession:	<a href="#">NP_113919</a>

## Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Adrenal Gland. Recommended concentration: 5 µg/mL. Western Blot: Approx 55 kDa band observed in Rat Liver lysates (calculated MW of 54.1 kDa according to Rat NP_113919.2). Recommended concentration: 0.03-0.1 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

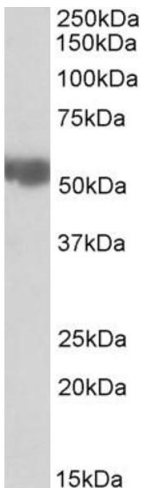
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



#### Immunohistochemistry

**Image 1.** ABIN571186 (5µg/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



#### Western Blotting

**Image 2.** ABIN571186 (0.03µg/ml) staining of Rat Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.