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Datasheet for ABIN7111447  
**anti-ALDH1A3 antibody**

### Overview

Quantity:	100 µg
Target:	ALDH1A3
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH1A3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

### Product Details

Immunogen:	aldehyde dehydrogenase 1 family, member A3
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	ALDH1A3
Alternative Name:	ALDH1A3 ( <a href="#">ALDH1A3 Products</a> )
Background:	Synonyms:Aldehyde dehydrogenase 6, ALDH1A3, ALDH1A6, ALDH6, RALDH 3, RALDH3, Retinaldehyde dehydrogenase 3 Background:Recognizes as substrates free retinal and cellular retinol-binding protein-bound retinal. Seems to be the key enzyme in the formation of an RA gradient along the dorso-ventral axis during the early eye development and also in the

## Target Details

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development of the olfactory system(By similarity).

Molecular Weight: 56 kDa

Gene ID: 220

UniProt: [P47895](#)

Pathways: [Retinoic Acid Receptor Signaling Pathway](#)

## Application Details

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Application Notes: WB: 1:500-1:5000, IHC: 1:20-1:200, IF: 1:20-1:200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months