

Datasheet for ABIN2790717
anti-ALDH16A1 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	ALDH16A1
Binding Specificity:	N-Term
Reactivity:	Human, Cow, Rabbit, Horse, Mouse, Rat, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH16A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human ALDH16A1
Sequence:	YGPVPESHAC ALAWLDTQDR CLGHYVNGKW LKPEHRNSVP CQDPITGENL
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 92%, Rabbit: 79%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against ALDH16A1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ALDH16A1
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Target Details

Alternative Name: ALDH16A1 ([ALDH16A1 Products](#))

Background: This gene encodes a member of the aldehyde dehydrogenase superfamily. The family members act on aldehyde substrates and use nicotinamide adenine dinucleotide phosphate (NADP) as a cofactor. This gene is conserved in chimpanzee, dog, cow, mouse, rat, and zebrafish. The protein encoded by this gene interacts with maspardin, a protein that when truncated is responsible for Mast syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Protein Interaction Partner: UBC, MDM2, NEDD8, DERA, KHSRP, PURB, MEA1, USP1, PAAF1,
Protein Size: 308

Molecular Weight: 33 kDa

Gene ID: 126133

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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: Avoid repeat freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1.