

Rabbit ALDH16A1 Polyclonal Antibody | anti-ALDH16A1 antibody

ALDH16A1 Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201396	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit	Western Blot

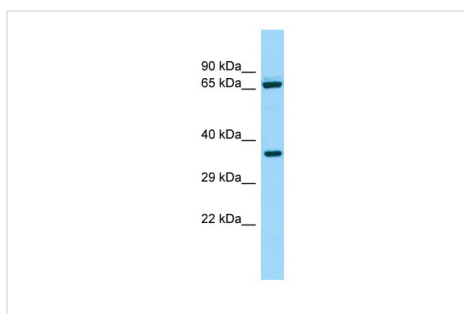
PRODUCT SYNONYMS

ALDH16A1; Polyclonal Antibody; ALDH16A1 Antibody - N-terminal region; anti-ALDH16A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/mL (varies by lot)
Sequence	Synthetic peptide located within the following region: YG PVPESHACAL AWLDTQDRCL GHYVNGKWLK PEHRNSVPCQ DPITGENL
Sequence Length	308
Applicable Applications for anti-ALDH16A1 antibody	WB (Western Blot)
Homology	Cow: 86%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 92%; Rabbit: 79%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human ALDH16A1
Protein Size (#AA)	308 amino acids
Protein Interactions	UBC; MDM2; NEDD8; DERA; KHSRP; PURB; MEA1; USP1; PAAF1;
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Host: Rabbit Target Name: ALDH16A1 Sample Type: ACHN Whole Cell lysates Antibody

Dilution: 1.0 µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH16A1 antibody	This is a rabbit polyclonal antibody against ALDH16A1. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-ALDH16A1 antibody	Polyclonal; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	223972653
NCBI GeneID	126133
NCBI Accession #	NP_001138868.1
NCBI GenBank Nucleotide #	NM_001145396.1
UniProt Accession #	Q8IZ83
Molecular Weight	33kDa
NCBI Official Full Name	aldehyde dehydrogenase family 16 member A1 isoform 2
NCBI Official Synonym Full Names	aldehyde dehydrogenase 16 family member A1
NCBI Official Symbol	ALDH16A1
NCBI Protein Information	aldehyde dehydrogenase family 16 member A1
UniProt Protein Name	Aldehyde dehydrogenase family 16 member A1
UniProt Gene Name	ALDH16A1
UniProt Entry Name	A16A1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/aldh16a1-antibody-western-blot-elisa/201396>