

Rabbit Aldh2 Polyclonal Antibody | anti-ALDH2 antibody

Aldh2 Antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200811	Rabbit	Tested Species Reactivity: Mouse Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish	Western Blot

PRODUCT SYNONYMS

Aldh2; Polyclonal Antibody; Aldh2 Antibody - C-terminal region; anti-ALDH2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Mouse Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
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	0.5mg/mL (varies by lot)
Sequence	Synthetic peptide with the following sequence: QP TVFGDVKDGM TIAKEEIFGP VMQILKFKTI EEVVGGRANDS KYGLAAAV
Sequence Length	519
Applicable Applications for anti-ALDH2 antibody	WB (Western Blot)
Protein Size (# AA)	519 amino acids
Predicted Homology	Cow: 85%; Dog: 92%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 92%; Rabbit: 100%; Rat: 100%; Zebrafish: 83%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Mouse Aldh2
Blocking Peptide	For anti-Aldh2 antibody is Catalog #
Preparation and Storage	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.

IMAGES


WB (Western Blot)

Host: Rabbit Target Name: Aldh2 Sample Type: Mouse Small Intestine lysates Antibody

Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH2 antibody	This is a rabbit polyclonal antibody against Aldh2. It was validated on Western Blot Target Description: Aldh2 is capable of converting retinaldehyde to retinoic acid.
Product Categories/Family for anti-ALDH2 antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753036
NCBI GeneID	11669
NCBI Accession #	NP_033786
NCBI GenBank Nucleotide #	NM_009656
UniProt Accession #	P47738
Molecular Weight	56kDa
NCBI Official Full Name	aldehyde dehydrogenase, mitochondrial isoform 1
NCBI Official Synonym Full Names	aldehyde dehydrogenase 2, mitochondrial
NCBI Official Symbol	Aldh2
NCBI Official Synonym Symbols	Ahd5; ALDHI; Ahd-5; AHD-M1; ALDH-E2
NCBI Protein Information	aldehyde dehydrogenase, mitochondrial
UniProt Protein Name	Aldehyde dehydrogenase, mitochondrial
UniProt Gene Name	Aldh2
UniProt Synonym Gene Names	Ahd-1; Ahd1
UniProt Entry Name	ALDH2_MOUSE

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://stage.aaabiotech.com/polyclonal/aldh2-antibody-western-blot-elisa/200811>