

ALDH16A1 recombinant antibody

Recombinant Anti-ALDH16A1 Rabbit mAb

CATALOG # AAA266337	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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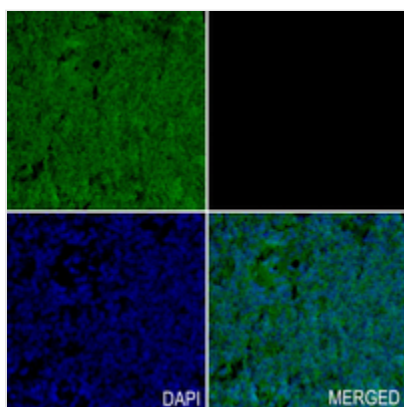
PRODUCT SYNONYMS

ALDH16A1; Monoclonal Recombinant Antibody; Recombinant Anti-ALDH16A1 Rabbit mAb; Aldehyde dehydrogenase family 16 member A1; ALDH16A1 recombinant antibody

PRODUCT SPECIFICATIONS

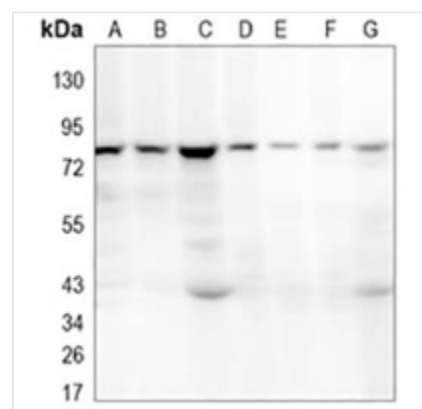
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of ALDH16A1 protein
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for ALDH16A1 recombinant antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human ALDH16A1. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of ALDH16A1 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. Tyramide-AF488 (green) was used as the chromogen. The section was then counterstained with DAPI (blue).



WB (Western Blot)

Western blot analysis of ALDH16A1 expression in HEK293T (A), HepG2 (B), THP1 (C), mouse liver (D), mouse kidney (E), rat liver (F), rat kidney (G) whole cell lysates. (Predicted band size: 85 kD; Observed band size: 80 kD)

ADDITIONAL INFORMATION

Related Product Information for ALDH16A1 recombinant antibody	Recombinant rabbit monoclonal antibody to ALDH16A1
Product Categories/Family for ALDH16A1 recombinant antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	223972653
NCBI GeneID	126133
NCBI Accession #	NP_001138868.1
NCBI GenBank Nucleotide #	NM_001145396.1
UniProt Accession #	Q8IZ83; Q571I9; Q3T1L0
Molecular Weight	85,127 Da
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://stage.aaabiotech.com/monoclonal/aldh16a1-recombinant-antibody-immunohistochemistry-western-blot-elisa/266337>