

Rabbit anti-Human, Rat Aldh3a1 Polyclonal Antibody | anti-Aldh3a1 antibody

Aldh3a1 Rabbit pAb

CATALOG # AAA282435	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Western Blot
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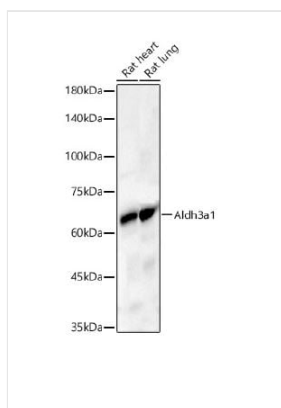
PRODUCT SYNONYMS

Aldh3a1; Polyclonal Antibody; Aldh3a1 Rabbit pAb; AHDC; Aldh; Ahd-c; Aldh3; anti-Aldh3a1 antibody

PRODUCT SPECIFICATIONS

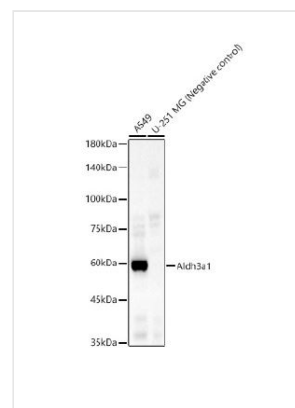
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Applicable Applications for anti-Aldh3a1 antibody	WB (Western Blot)
Positive Samples	A549, Rat heart, Rat lung
Immunogen	Recombinant protein of mouse Aldh3a1.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack

IMAGES



WB (Western Blot)

Western blot analysis of various lysates, using Aldh3a1 Rabbit pAb (AAA282435) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



WB (Western Blot)

Western blot analysis of various lysates, using Aldh3a1 Rabbit pAb (AAA282435) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-Aldh3a1 antibody	Enables 3-chloroallyl aldehyde dehydrogenase activity. Involved in several processes, including response to cAMP; response to glucocorticoid; and response to hypoxia. Located in cytosol. Human ortholog(s) of this gene implicated in arteriosclerosis. Orthologous to human ALDH3A1 (aldehyde dehydrogenase 3 family member A1).
Product Categories/Family for anti-Aldh3a1 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	14010869
NCBI GeneID	25375
NCBI Accession #	NP_114178.1
NCBI GenBank Nucleotide #	NM_031972.1
UniProt Accession #	P11883
Molecular Weight	50,339 Da
NCBI Official Full Name	aldehyde dehydrogenase, dimeric NADP-preferring
NCBI Official Synonym Full Names	aldehyde dehydrogenase 3 family, member A1
NCBI Official Symbol	Aldh3a1
NCBI Official Synonym Symbols	AHDC; Aldh; Ahd-c; Aldh3
NCBI Protein Information	aldehyde dehydrogenase, dimeric NADP-preferring; HTC-ALDH; aldehyde dehydrogenase 3A1; Aldehyde dehydrogenase (Ahd-c); aldehyde dehydrogenase class 3; aldehyde dehydrogenase family 3 member A1; aldehyde dehydrogenase family 3, member A1; aldehyde dehydrog
UniProt Protein Name	Aldehyde dehydrogenase, dimeric NADP-preferring
UniProt Gene Name	Aldh3a1
UniProt Synonym Gene Names	Aldd; Aldh3
UniProt Entry Name	AL3A1_RAT

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/aldh3a1-antibody-western-blot-elisa/282435>