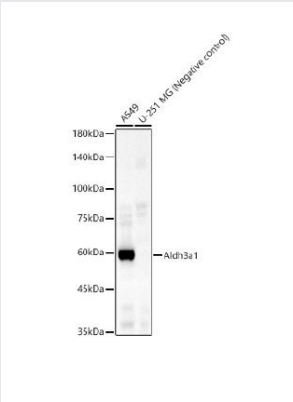
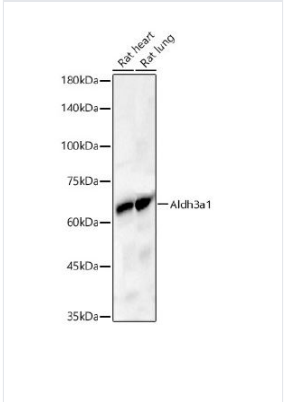
ALDH3A1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Aldh3a1, Polyclonal Antibody
Full Product Name	Aldh3a1 Rabbit pAb
Product Gene Name	anti-Aldh3a1 antibody
Product Synonym Names	AHDC; Aldh; Ahd-c; Aldh3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Rat
Form/Format	Liquid PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack
Molecular Weight	50,339 Da
3D Structure	ModBase 3D Structure for P11883
Positive Samples	A549, Rat heart, Rat lung
Immunogen	Recombinant protein of mouse Aldh3a1.
Product Categories/Family for anti-Aldh3a1 antibody	Polyclonal Antibodies
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-Aldh3a1 antibody	Western Blot (WB)
Application Notes for anti-Aldh3a1 antibody	WB: 1:500-1:1000
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).
Other Notes	Small volumes of anti-Aldh3a1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Aldh3a1 purchase	MBS9146471 is an antibody targeting Aldh3a1. Also known as Aldh3a1 Rabbit pAb. Reactive in Human, Rat. Host: Rabbit.



Western Blot (WB) of anti-Aldh3a1 antibody
Western blot analysis of various lysates, using Aldh3a1 Rabbit pAb (MBS9146471) 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.



Western Blot (WB) of anti-Aldh3a1 antibody
Western blot analysis of various lysates, using Aldh3a1 Rabbit pAb (MBS9146471) 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Aldh3a1. It may not necessarily be applicable to this product.

NCBI GI #	14010869
NCBI GeneID	25375
NCBI Accession #	NP_114178.1
UniProt Primary Accession #	P11883
UniProt Related Accession #	P11883
GenBank Nucleotide #	NM_031972.1
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
UniProt Protein Name	Aldehyde dehydrogenase, dimeric NADP-preferring
UniProt Synonym Protein Names	Aldehyde dehydrogenase family 3 member A1; HTC-ALDH; Tumor-associated aldehyde dehydrogenase
Protein Family	Aldehyde dehydrogenase
UniProt Gene Name	Aldh3a1
UniProt Synonym Gene Names	Aldd; Aldh3
UniProt Entry Name	AL3A1_RAT
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
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