

Product Datasheet

ALDH18A1 Antibody - BSA Free NBP1-83325

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 2

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Updated 12/2/2025 v.20.1

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NBP1-83325

ALDH18A1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

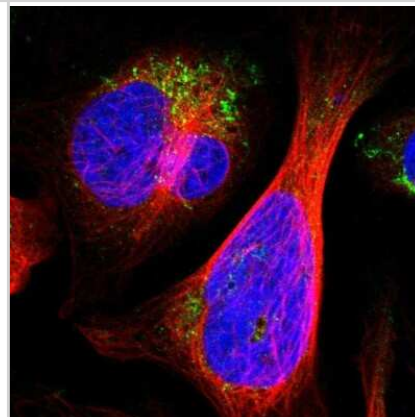
Product Description	
Description	Novus Biologicals Rabbit ALDH18A1 Antibody - BSA Free (NBP1-83325) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-ALDH18A1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5832
Gene Symbol	ALDH18A1
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SIVEQVSVLQNGGEMMLVTSGAVAFGKQRLRHEILLSQSVRQALHSGQNQLK EMAIPVLEARACAAAGQSGLMALYEAMFTQYSICAAQILVTNLDHFHDEQKRRNL NGTLHELLRMNIVPIVNTNDAVVPPAEPNSDLQGVNVISVKD

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 µg/ml, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Knockdown Validated
Application Notes	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

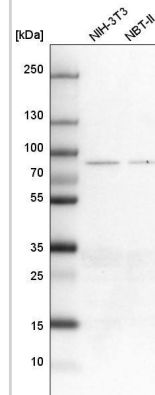


Images

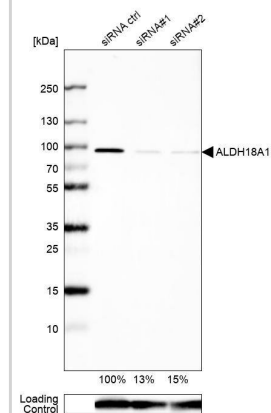
Immunocytochemistry/Immunofluorescence: ALDH18A1 Antibody [NBP1-83325] - Staining of human cell line U-2 OS shows localization to mitochondria. Antibody staining is shown in green.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Analysis in Caco-2 cells) transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ALDH18A1 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Publications

Baqader NO, Radulovic M, Crawford M et al. Nuclear Cytoplasmic Trafficking of Proteins is a Major Response of Human Fibroblasts to Oxidative Stress. *J Proteome Res* 2014-10-03 [PMID: 25133973] (ICC/IF, Human)

Stadler C, Hjelmare M, Neumann B et al. Systematic validation of antibody binding and protein subcellular localization using siRNA and confocal microscopy. *J Proteomics* 2012-04-03 [PMID: 22361696]



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Products Related to NBP1-83325

NBP1-83325PEP	ALDH18A1 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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