

Product Datasheet

Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody - BSA Free NBP2-47551

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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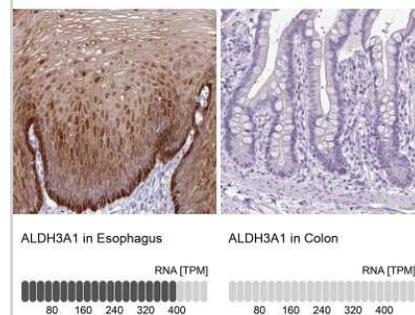


NBP2-47551**Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody - BSA Free**

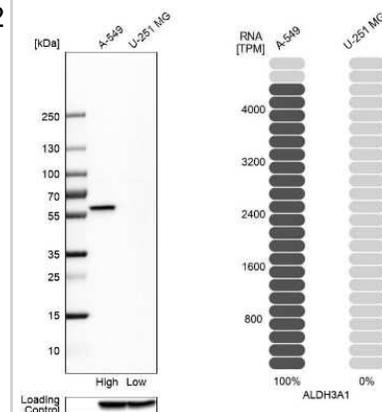
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Rabbit Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody - BSA Free (NBP2-47551) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	218
Gene Symbol	ALDH3A1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (81%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: NSGMGSYHGKKS FETFSHRRSCLVRPLMNDEGLKVRYPSPAKMTQH
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

Images

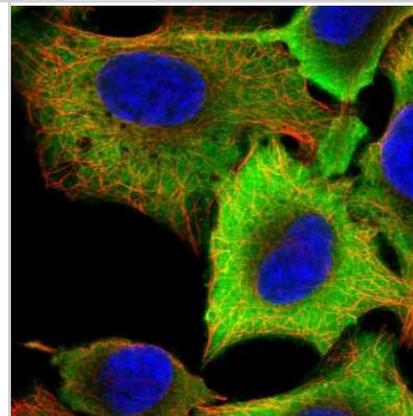
Immunohistochemistry-Paraffin: Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody [NBP2-47551] - Staining in human esophagus and colon tissues using anti-ALDH3A1 antibody. Corresponding ALDH3A1 RNA-seq data are presented for the same tissues.



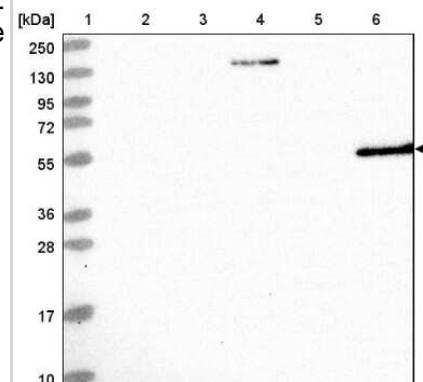
Western Blot: Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody [NBP2-47551] - Analysis in human cell lines A-549 and U-251MG using anti-ALDH3A1 antibody. Corresponding ALDH3A1 RNA-seq data are presented for the same cell lines. Loading control: anti-GAPDH.



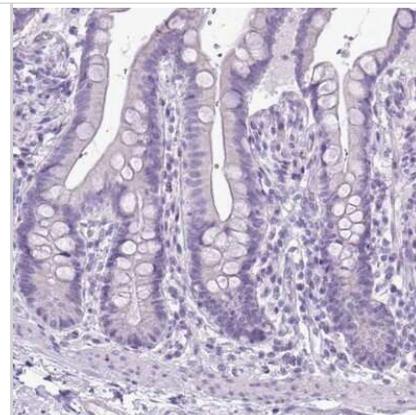
Immunocytochemistry/Immunofluorescence: Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody [NBP2-47551] - Immunofluorescent staining of human cell line A549 shows localization to plasma membrane & cytosol.



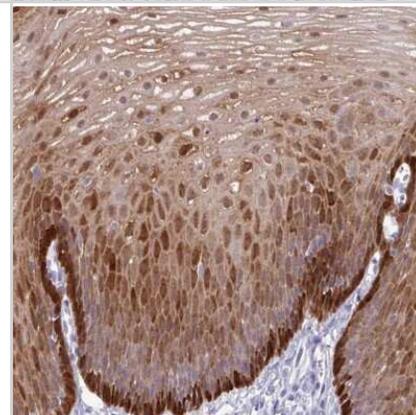
Western Blot: Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody [NBP2-47551] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG. Lane 4: Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue. Lane 6: Human tonsil tissue.



Immunohistochemistry-Paraffin: Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody [NBP2-47551] - Staining of human colon shows low expression as expected.



Immunohistochemistry-Paraffin: Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody [NBP2-47551] - Staining of human esophagus shows high expression.





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Products Related to NBP2-47551

NBP2-47551PEP	Aldehyde Dehydrogenase 3-A1/ALDH3A1 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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