

# Product Datasheet

## ALDH1L1 Antibody - BSA Free NBP2-55574

Unit Size: 100 ul

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

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**NBP2-55574**

ALDH1L1 Antibody - BSA Free

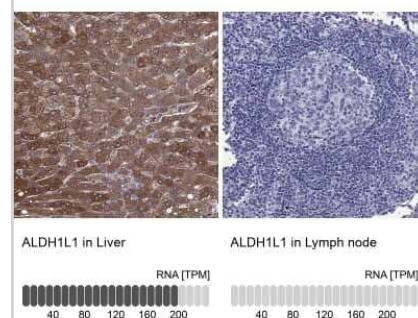
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit ALDH1L1 Antibody - BSA Free (NBP2-55574) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10840
Gene Symbol	ALDH1L1
Species	Human
Reactivity Notes	Mouse 83%, Rat 80%
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: EVKELCDGLELENEEDVYMASTFGDFIQLLVVRKLRGDDEEGECSIDYVEMAVNK RTVRMPHQLFIGGEFVDAEGAKTSETINP

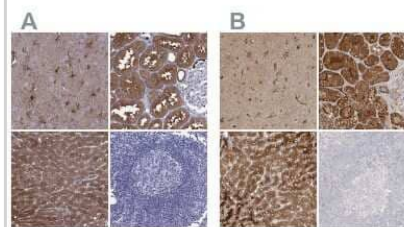
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:5000 -1:10000
Application Notes	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. IHC-P Retrieval method: HIER pH6.

**Images**

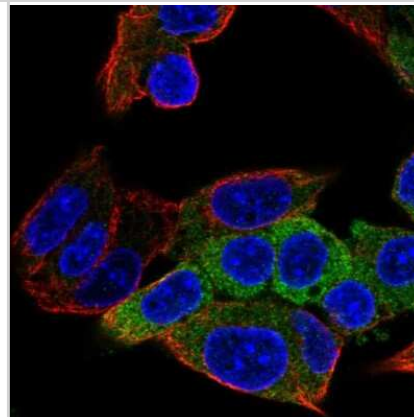
Immunohistochemistry-Paraffin: ALDH1L1 Antibody [NBP2-55574] - Analysis in human liver and lymph node tissues using NBP2-55574 antibody. Corresponding ALDH1L1 RNA-seq data are presented for the same tissues.



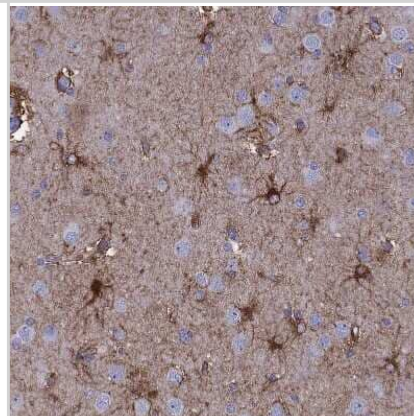
Immunohistochemistry-Paraffin: ALDH1L1 Antibody [NBP2-55574] - Staining of human cerebral cortex, kidney, liver and lymph node using Anti-ALDH1L1 antibody NBP2-55574 (A) shows similar protein distribution across tissues to independent antibody NBP1-89414 (B).



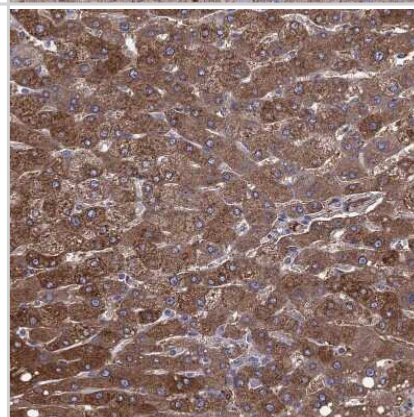
Immunocytochemistry/Immunofluorescence: ALDH1L1 Antibody [NBP2-55574] - Staining of human cell line Hep G2 shows localization to cytosol. Antibody staining is shown in green.



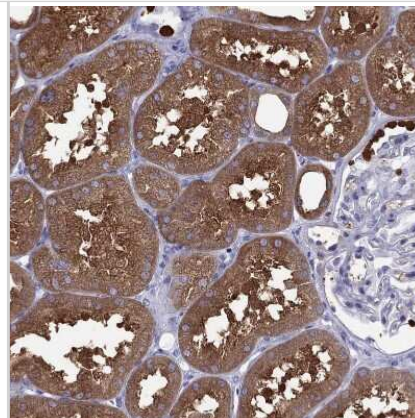
Immunohistochemistry-Paraffin: ALDH1L1 Antibody [NBP2-55574] - Staining of human cerebral cortex shows strong cytoplasmic positivity in astrocytes.



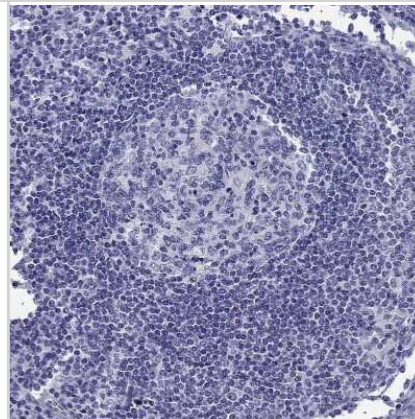
Immunohistochemistry-Paraffin: ALDH1L1 Antibody [NBP2-55574] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: ALDH1L1 Antibody [NBP2-55574] - Staining of human kidney shows strong cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: ALDH1L1 Antibody [NBP2-55574] - Staining of human lymph node shows no positivity in germinal center cells as expected.





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### **Products Related to NBP2-55574**

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NBP2-55574PEP	ALDH1L1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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