

Product Datasheet

ALDH1L1 Antibody - BSA Free NBP1-89414

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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NBP1-89414

ALDH1L1 Antibody - BSA Free

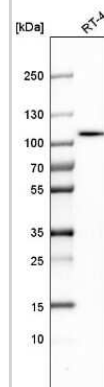
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	99 kDa

Product Description	
Host	Rabbit
Gene ID	10840
Gene Symbol	ALDH1L1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (84%).
Marker	Astrocyte Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ILFGNDDKMLLVKNIQLEDGKMILASNFFKGAASSVLELLEAEALVTAEAVRSVW QRILPKVLEVEDSTDF

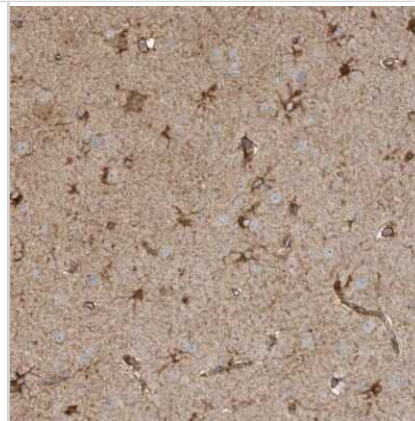
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

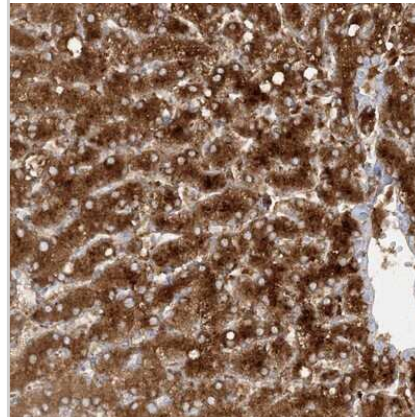
Western Blot: ALDH1L1 Antibody [NBP1-89414] - Analysis in human cell line RT-4.



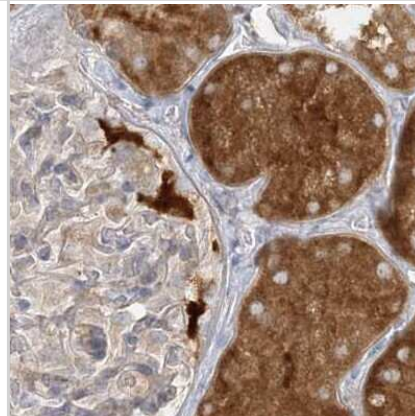
Immunohistochemistry-Paraffin: ALDH1L1 Antibody [NBP1-89414] - Staining of human cerebral cortex shows strong cytoplasmic positivity in astrocytes.



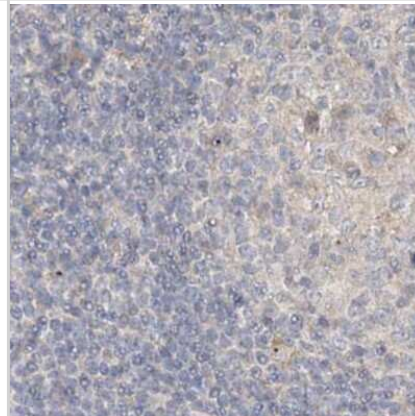
Immunohistochemistry-Paraffin: ALDH1L1 Antibody [NBP1-89414] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



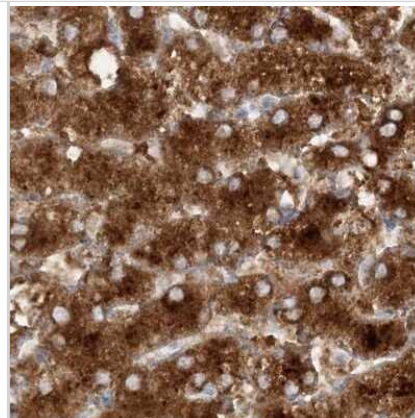
Immunohistochemistry-Paraffin: ALDH1L1 Antibody [NBP1-89414] - Staining of human kidney.



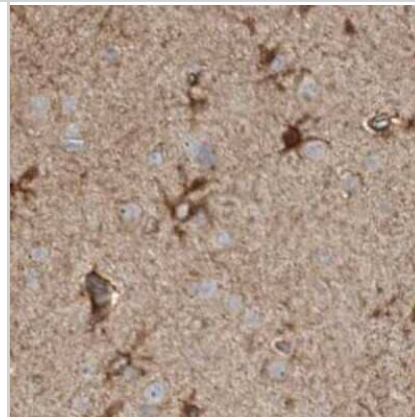
Immunohistochemistry-Paraffin: ALDH1L1 Antibody [NBP1-89414] - Staining of human lymph node.



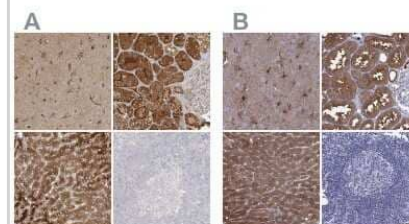
Immunohistochemistry-Paraffin: ALDH1L1 Antibody [NBP1-89414] - Staining of human liver.



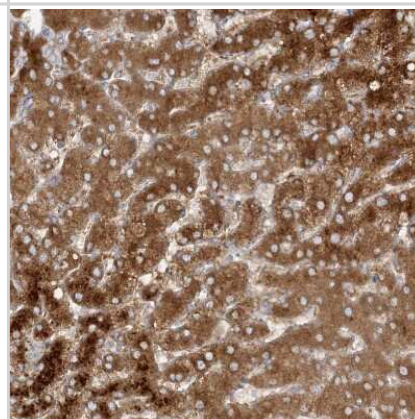
Immunohistochemistry-Paraffin: ALDH1L1 Antibody [NBP1-89414] - Staining of human cerebral cortex.



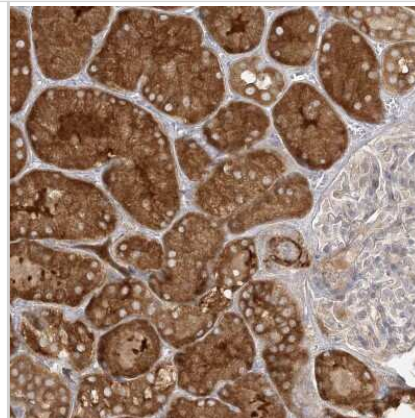
Immunohistochemistry-Paraffin: ALDH1L1 Antibody [NBP1-89414] - Staining of human cerebral cortex, kidney, liver and lymph node using Anti-ALDH1L1 antibody NBP1-89414 (A) shows similar protein distribution across tissues to independent antibody NBP2-55574 (B).



Immunohistochemistry-Paraffin: ALDH1L1 Antibody [NBP1-89414] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: ALDH1L1 Antibody [NBP1-89414] - Staining of human kidney shows strong cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: ALDH1L1 Antibody [NBP1-89414] - Staining of human lymph node shows no positivity in germinal center cells as expected.





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Products Related to NBP1-89414

NBP1-89414PEP	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

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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