

Product Datasheet

LPCAT1 Antibody - BSA Free

NBP1-88922

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: 1

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NBP1-88922

LPCAT1 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

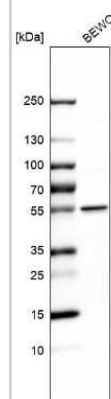
Host	Rabbit
Gene ID	79888
Gene Symbol	LPCAT1
Species	Human, Mouse
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:32140075).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: AILTLAPHSSYFDAIPVTMTMSSIVMKAESRDIPWGTLIQYIRPVFVSRSDQDSR RKTVEEIKRRAQSNGKWPQIMIFPEGTCTNRTC

Product Application Details

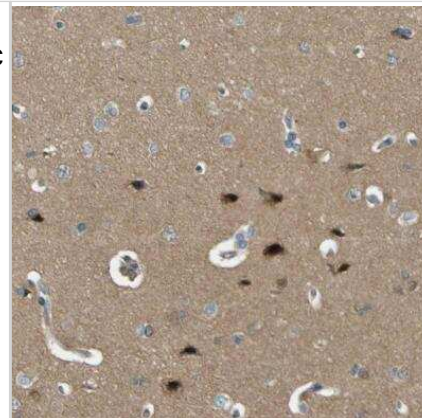
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:25 - 1:100, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

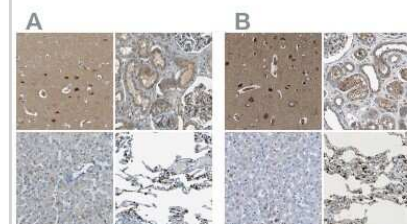
Western Blot: LPCAT1 Antibody [NBP1-88922] - Analysis in human cell line BEWO.



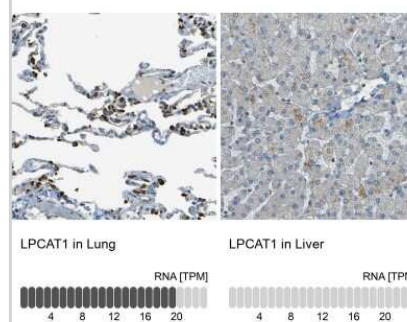
Immunohistochemistry-Paraffin: LPCAT1 Antibody [NBP1-88922] - Staining of human cerebral cortex shows moderate to strong cytoplasmic positivity in neurons.



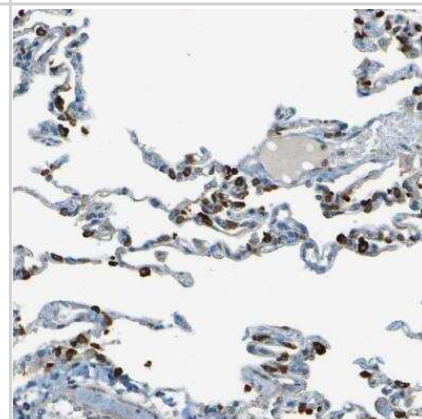
Immunohistochemistry-Paraffin: LPCAT1 Antibody [NBP1-88922] - Staining of human cerebral cortex, kidney, liver and lung using Anti-LPCAT1 antibody NBP1-88922 (A) shows similar protein distribution across tissues to independent antibody NBP1-88923 (B).



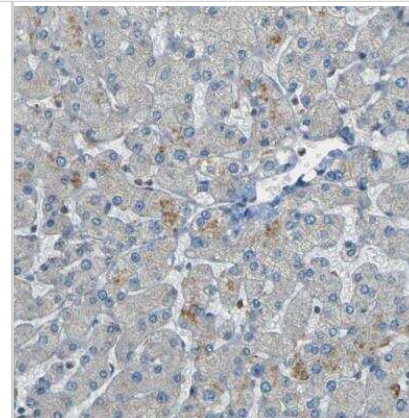
Immunohistochemistry-Paraffin: LPCAT1 Antibody [NBP1-88922] - Analysis in human lung and liver tissues. Corresponding LPCAT1 RNA-seq data are presented for the same tissues.



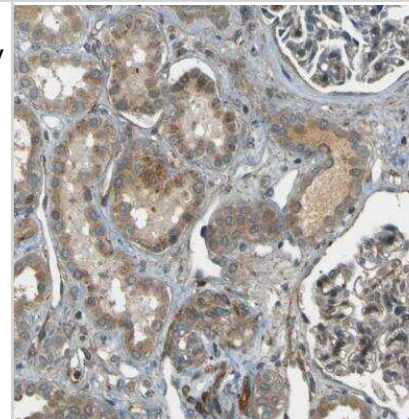
Immunohistochemistry-Paraffin: LPCAT1 Antibody [NBP1-88922] - Staining of human lung shows moderate to strong cytoplasmic positivity in pneumocytes.



Immunohistochemistry-Paraffin: LPCAT1 Antibody [NBP1-88922] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: LPCAT1 Antibody [NBP1-88922] - Staining of human kidney shows weak to moderate cytoplasmic positivity in cells in tubules.



Publications

Xiao X, Zhuang X, Xu C et al. ROBO4 deletion ameliorates PAF-mediated skin inflammation via regulating the mRNA translation efficiency of LPCAT1/LPCAT2 and the expression of PAF receptor Int. J. Biol. Sci. 2020-02-04 [PMID: 32140075] (WB, Mouse)

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Products Related to NBP1-88922

NBP1-88922PEP	LPCAT1 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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