

Product Datasheet

LPCAT1 Antibody - BSA Free

NBP1-88923

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Reviews: 1 Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-88923

Updated 9/9/2025 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-88923



NBP1-88923

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 | Immunogen affinity purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |

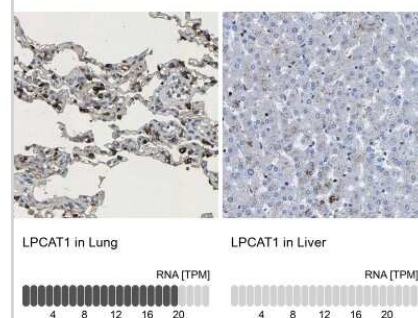
| Product Description | |
|---------------------|---|
| Description | Novus Biologicals Rabbit LPCAT1 Antibody - BSA Free (NBP1-88923) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-LPCAT1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 79888 |
| Gene Symbol | LPCAT1 |
| Species | Human, Mouse |
| Reactivity Notes | Mouse reactivity reported in scientific literature (PMID: 24557352). Rat (89%). |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: GVSVDYTFEDCQLALAEGQLRLPADTCLEFARLVRLGLKPEKLEKDLDRYS ERARMKGGEKIGIAEFAASLEVPVSDLLED MFSLFDESGSGEVDLRECVVALSV |

| 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 | ICC/IF reported in scientific literature (PMID: 24557352). For IHC-Paraffin, HIER pH 6 retrieval is recommended. LPCAT1 antibody validated for IHC from a verified customer review. |

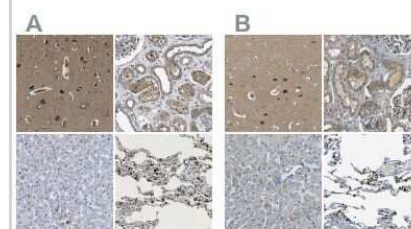


Images

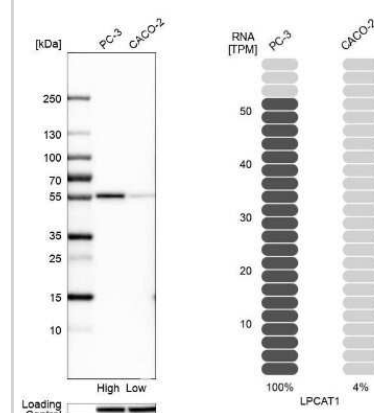
Immunohistochemistry-Paraffin: LPCAT1 Antibody [NBP1-88923] - Analysis in human lung and liver tissues. Corresponding LPCAT1 RNA-seq data are presented for the same tissues.



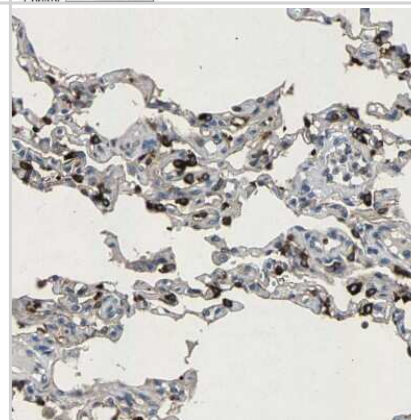
Immunohistochemistry-Paraffin: LPCAT1 Antibody [NBP1-88923] - Staining of human cerebral cortex, kidney, liver and lung using Anti-LPCAT1 antibody NBP1-88923 (A) shows similar protein distribution across tissues to independent antibody NBP1-88922 (B).



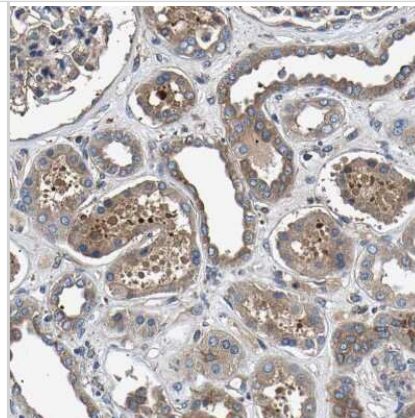
Western Blot: LPCAT1 Antibody [NBP1-88923] - Analysis in human cell lines PC-3 and Caco-2 using anti-LPCAT1 antibody. Corresponding LPCAT1 RNA-seq data are presented for the same cell lines. Loading control: anti-HSP90B1.



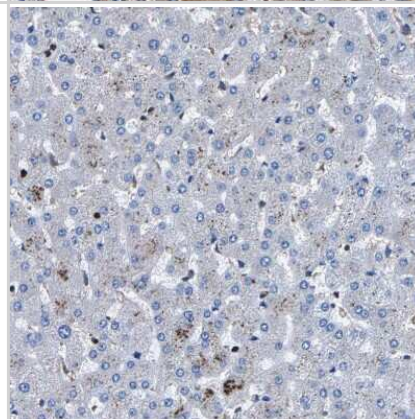
Immunohistochemistry-Paraffin: LPCAT1 Antibody [NBP1-88923] - Staining of human lung shows moderate to strong cytoplasmic positivity in pneumocytes.



Immunohistochemistry-Paraffin: LPCAT1 Antibody [NBP1-88923] - Staining of human kidney shows weak to moderate cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: LPCAT1 Antibody [NBP1-88923] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: LPCAT1 Antibody [NBP1-88923] - Staining of human cerebral cortex shows moderate to strong cytoplasmic positivity in neurons.



Publications

Dai X, Han J, Qi Y et al. AAV-Mediated Lysophosphatidylcholine Acyltransferase 1 (Lpcat1) Gene Replacement Therapy Rescues Retinal Degeneration in rd11 Mice. Invest Ophthalmol Vis Sci 2014-03-20 [PMID: 24557352] (ICC/IF, Mouse)

Friedman JS, Chang B, Krauth DS et al. Loss of lysophosphatidylcholine acyltransferase 1 leads to photoreceptor degeneration in rd11 mice. Proc Natl Acad Sci U S A 2010-08-01 [PMID: 20713727]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-88923

| | |
|---------------|---|
| NBP1-88923PEP | 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-88923

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

