

Product Datasheet

LPCAT3 Antibody - Azide and BSA Free NBP3-04752-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



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Publications: 2

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Updated 2/3/2026 v.20.1

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NBP3-04752-100ul

LPCAT3 Antibody - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	56 kDa

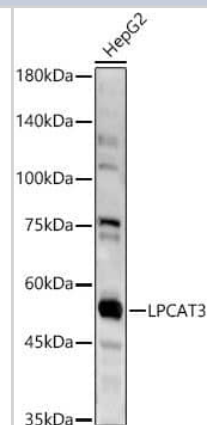
Product Description	
Description	Novus Biologicals Rabbit LPCAT3 Antibody - Azide and BSA Free (NBP3-04752) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-LPCAT3 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10162
Gene Symbol	LPCAT3
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 200-300 of human LPCAT3 (NP_005759.4). GPQFSMNHYMKLVQGELIDIPGKIPNSIIPALKRSLGLFYLVGYTLLSPHITEDY LLTEDYDNHPFWFRRCMYMLIWGKFVLYKYVTCWLVTGVCILTGL

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:1000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 -1:200

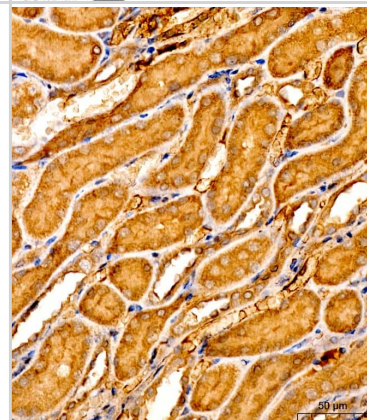


Images

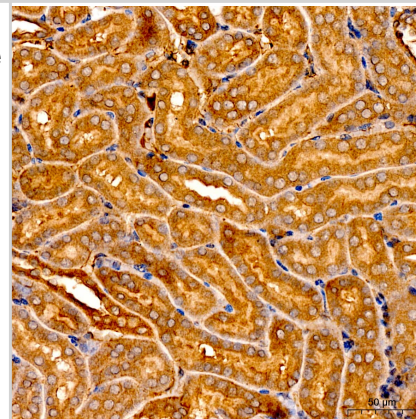
Western Blot: LPCAT3 Antibody [NBP3-04752] - analysis of lysates from HepG2 cells, using LPCAT3 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit Exposure time: 30s.



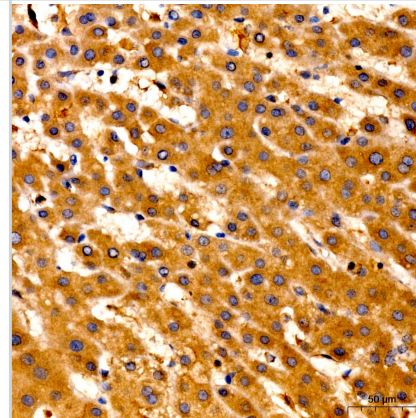
IHC-P-NBP3-04752-LPCAT3 Antibody - Azide and BSA Free- Analysis of LPCAT3 in paraffin-embedded rat kidney tissue using LPCAT3 Rabbit pAb at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: LPCAT3 Antibody - Azide and BSA Free [LPCAT3] - Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using LPCAT3 Rabbit pAb at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: LPCAT3 Antibody - Azide and BSA Free [LPCAT3] - Immunohistochemistry analysis of paraffin-embedded Human liver tissue using LPCAT3 Rabbit pAb at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Publications

Fari Ryan, Christian Blex, The Dung Ngo, Marcel A. Kopp, Bernhard Michalke, Vivek Venkataramani, Laura Curran, Jan M. Schwab, Klemens Ruprecht, Carolin Otto, Priya Jhelum, Antje Kroner, Samuel David Ferroptosis inhibitor improves outcome after early and delayed treatment in mild spinal cord injury *Acta Neuropathologica* 2024-06-22 [PMID: 38907771]

Bartolacci C, Andreani C, Vale G et al. Targeting de novo lipogenesis and the Lands cycle induces ferroptosis in KRAS-mutant lung cancer *Nature communications* Jul 26 2022 12:00AM [PMID: 35882862] (IB, Human)

Details:

Dilution: 1:1000





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Products Related to NBP3-04752-100ul

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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