

Product Datasheet

LSM14B Antibody - BSA Free

NBP2-56828

Unit Size: 100 ul

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

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Publications: 2

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Updated 1/15/2026 v.20.1

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NBP2-56828

LSM14B Antibody - BSA Free

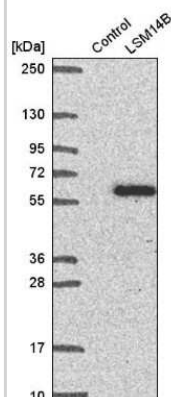
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit LSM14B Antibody - BSA Free (NBP2-56828) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	149986
Gene Symbol	LSM14B
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: SLGSASASPFQPHVPYSPFRGMAPYGPLAASSLLSQQYAASLGLGAGFPSIPV GKSPMVEQAVQTGSADNLNAK

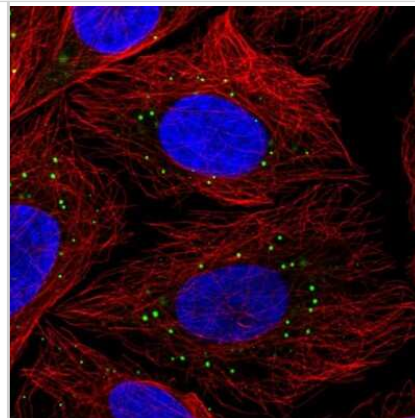
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

Images

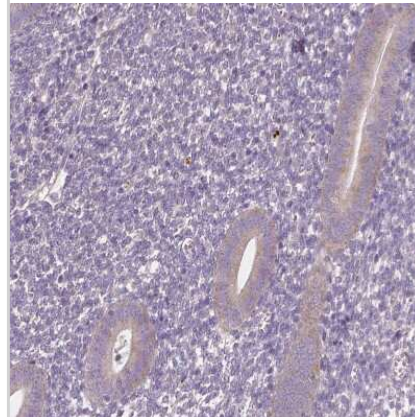
Western Blot: LSM14B Antibody [NBP2-56828] - Western blot analysis in control (vector only transfected HEK293T lysate) and LSM14B over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



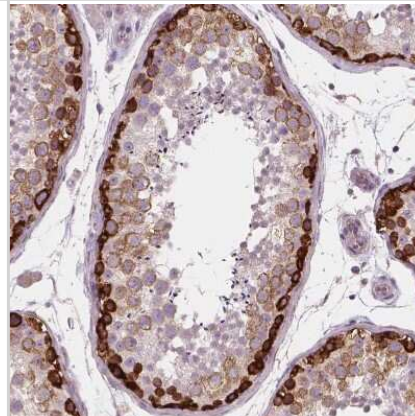
Immunocytochemistry/Immunofluorescence: LSM14B Antibody [NBP2-56828] - Staining of human cell line SiHa shows localization to vesicles.



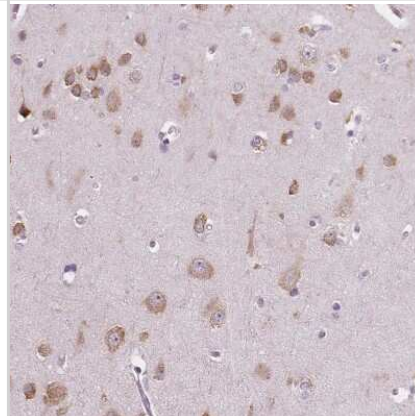
Immunohistochemistry-Paraffin: LSM14B Antibody [NBP2-56828] - Staining of human endometrium shows weak cytoplasmic positivity in glandular cells.



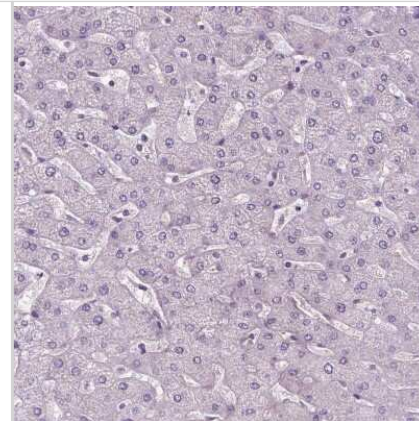
Immunohistochemistry-Paraffin: LSM14B Antibody [NBP2-56828] - Staining of human testis shows moderate to strong cytoplasmic positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: LSM14B Antibody [NBP2-56828] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: LSM14B Antibody [NBP2-56828] - Staining of human liver shows no positivity in hepatocytes as expected.



Publications

Fan H, Liu R, Yu R et al. The E3 ubiquitin ligase adaptor KLHL8 targets ZAR1 to regulate maternal mRNA degradation in oocytes. EMBO Reports 2025-07-28 [PMID: 40721554]

Wan Y, Yang S, Li T et al. LSM14B is essential for mitochondrial clustering in the oocyte meiosis bioRxiv 2023-04-28 (IF, WB, Mouse)

Details:

1:1000 dilution WB, 1:400 dilution IF



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Products Related to NBP2-56828

NBP2-56828PEP	LSM14B Recombinant Protein Antigen
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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