

Product Datasheet

LSMEM1 Antibody - BSA Free NBP1-81923

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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NBP1-81923

LSMEM1 Antibody - BSA Free

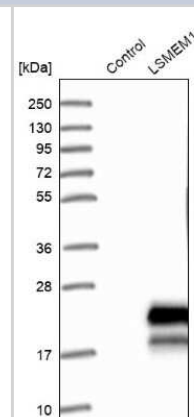
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	286006
Gene Symbol	C7ORF53
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: HSSQDTGSCGIQEDGKLYVVDSINDLNKLNLCPAGSQHLFPLEDKIPVLGTNSG NGSRS

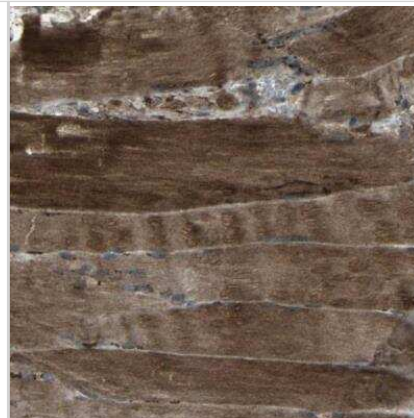
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

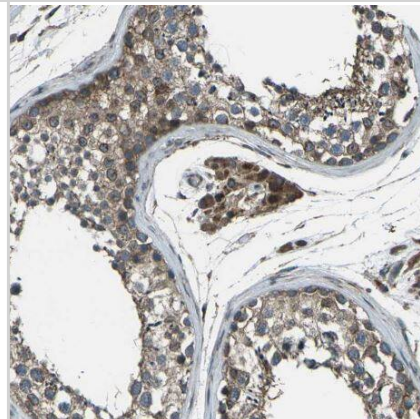
Western Blot: C7orf53 Antibody [NBP1-81923] - Analysis in control (vector only transfected HEK293T lysate) and LSMEM1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



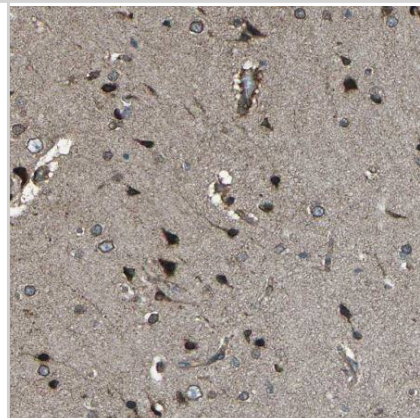
Immunohistochemistry-Paraffin: C7orf53 Antibody [NBP1-81923] - Staining of human skeletal muscle shows strong cytoplasmic positivity in myocytes.



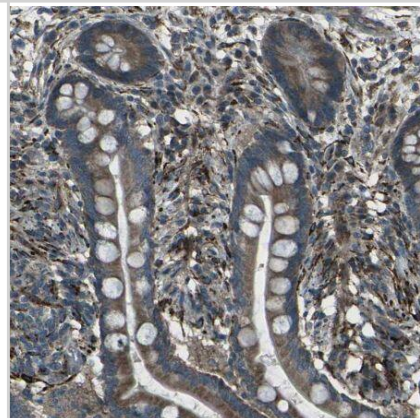
Immunohistochemistry-Paraffin: C7orf53 Antibody [NBP1-81923] - Staining of human testis shows strong cytoplasmic positivity in Leydig cells and cells in the seminiferous ducts.



Immunohistochemistry-Paraffin: C7orf53 Antibody [NBP1-81923] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: C7orf53 Antibody [NBP1-81923] - Staining of human colon shows strong cytoplasmic positivity in glandular cells.



Publications

Liu P, Zhang H, Yang S et al. Single-Cell Dissection of the Biological Function and Molecular Features Underlying the Micropeptide LSMEM1 in Kidney. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany) 2025-08-27 [PMID: 40859921]



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Products Related to NBP1-81923

NBP1-81923PEP	LSMEM1 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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