

Product Datasheet

HLTF Antibody - BSA Free NBP1-83256

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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NBP1-83256

HLTF 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

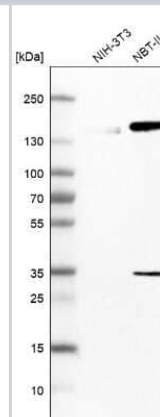
Host	Rabbit
Gene ID	6596
Gene Symbol	HLTF
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LKKHGFKLGPAPKTLGFNLESGWGSGRAGPSYSMPVHAAVQMTTEQLKTEFD KLFEDLKEDDKTHEMEPAEAIETPLLPHQKQALAWMV/SRENSKELPPFWEQRN DLYYNTITNFSEKDRPENVHGGILADDMGLGK

Product Application Details

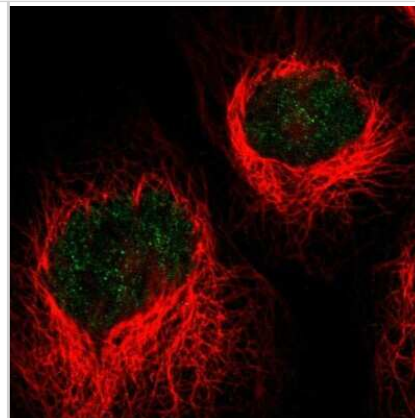
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50-1:200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

Images

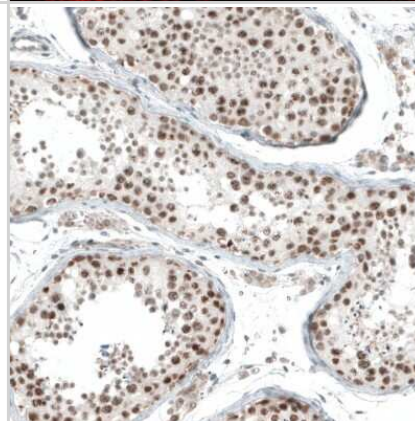
Western Blot: HLTF Antibody [NBP1-83256] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



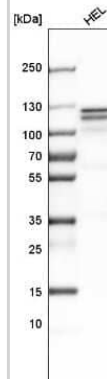
Immunocytochemistry/Immunofluorescence: HLTF Antibody [NBP1-83256] - Staining of human cell line A-431 shows localization to nucleoplasm. Antibody staining is shown in green.



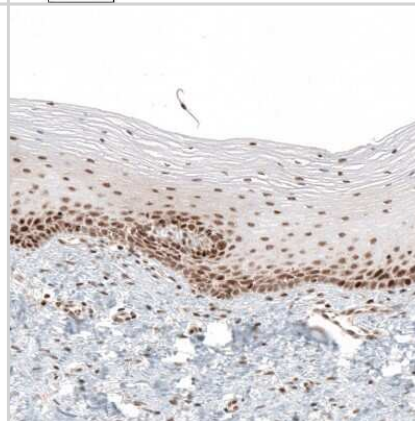
Immunohistochemistry-Paraffin: HLTF Antibody [NBP1-83256] - Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.



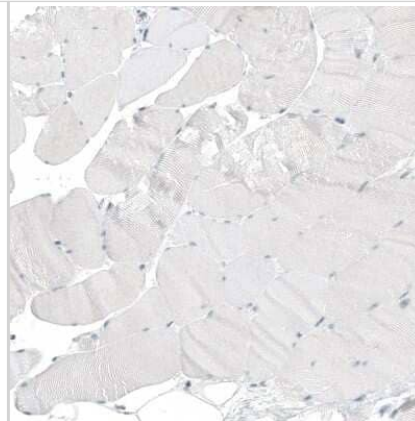
Western Blot: HLTF Antibody [NBP1-83256] - Analysis in human cell line HEL.



Immunohistochemistry-Paraffin: HLTF Antibody [NBP1-83256] - Staining of human cervix, uterine shows moderate to strong nuclear positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: HLTF Antibody [NBP1-83256] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Publications

Martinez-Marin D, Helmer RA, Kaur G et al. Helicase-like transcription factor (HLTF)-deleted CDX/TME model of colorectal cancer increased transcription of oxidative phosphorylation genes and diverted glycolysis to boost S-glutathionylation in lymphatic intravascular metastatic niches PLoS One 2023-09-08 [PMID: 37682902] (Immunohistochemistry, Immunocytochemistry/ Immunofluorescence)

Arcolia V, Paci P, Dhont L et al. Helicase-like transcription factor: a new marker of well-differentiated thyroid cancers. BMC Cancer 2014-07-08 [PMID: 25005870] (IF/IHC, WB, Human)

Helmer RA, Foreman O, Dertien JS et al. Role of Helicase-Like Transcription Factor (Hltf) in the G2/M Transition and Apoptosis in Brain. PLoS One 2013-01-01 [PMID: 23826137]



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 NBP1-83256

NBP1-83256PEP	HLTF 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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