

Product Datasheet

TUFM Antibody - BSA Free

NBP1-84890

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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NBP1-84890

TUFM Antibody - BSA Free

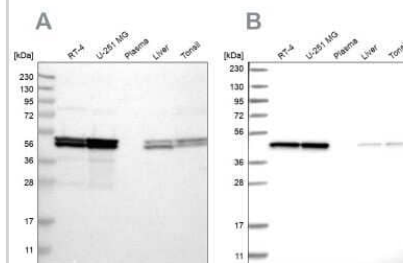
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	7284
Gene Symbol	TUFM
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (89%), Rat (89%). Reactivity reported in scientific literature (PMID: 22749352)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LSKEEGGRHKPFVSHFMPVMFSLTWDMACRIILPPEKELAMPGEDLKFNLILRQ PMILEKGQRFTLRDGNRTIGTGLVTNTLAMTEEEKNIKWG

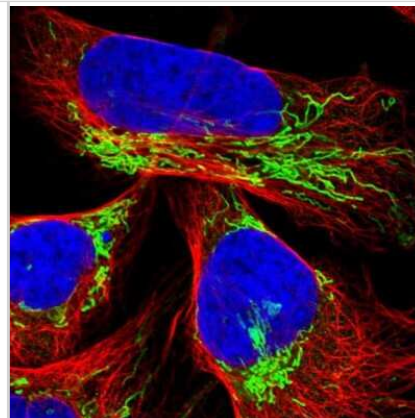
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200-1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

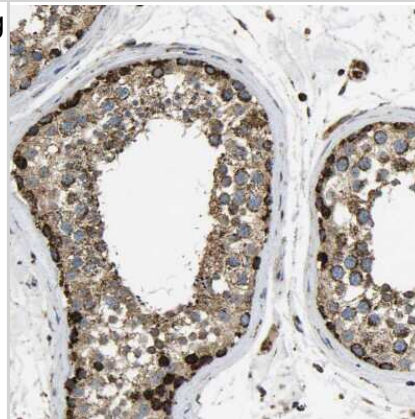
Western Blot: TUFM Antibody [NBP1-84890] - Analysis using Anti-TUFM antibody NBP1-84890 (A) shows similar pattern to independent antibody NBP1-84889 (B).



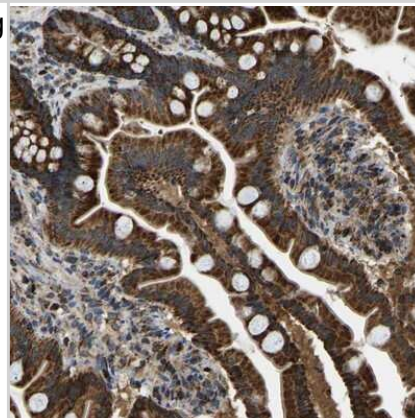
Immunocytochemistry/Immunofluorescence: TUFM Antibody [NBP1-84890] - Immunofluorescent staining of human cell line U-2 OS shows localization to mitochondria.



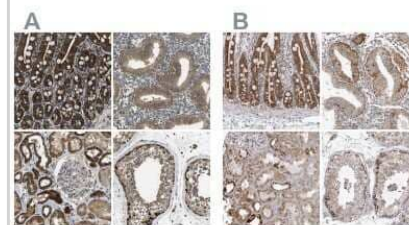
Immunohistochemistry-Paraffin: TUFM Antibody [NBP1-84890] - Staining of human testis shows moderate to strong granular cytoplasmic positivity in cells in seminiferous ducts.



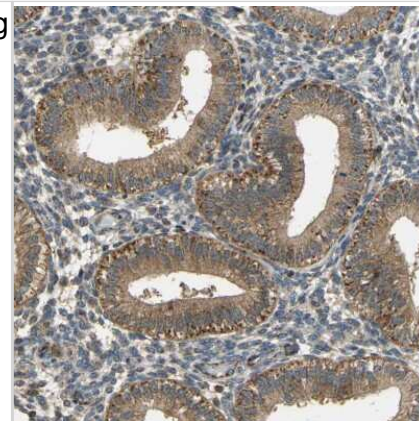
Immunohistochemistry-Paraffin: TUFM Antibody [NBP1-84890] - Staining of human small intestine shows strong cytoplasmic positivity in a granular pattern in glandular cells.



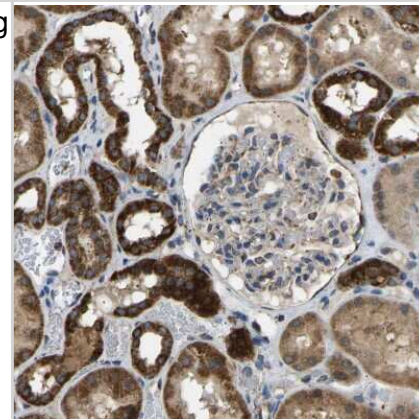
Immunohistochemistry-Paraffin: TUFM Antibody [NBP1-84890] - Staining of human duodenum, endometrium, kidney and testis using Anti-TUFM antibody NBP1-84890 (A) shows similar protein distribution across tissues to independent antibody NBP1-84889 (B).



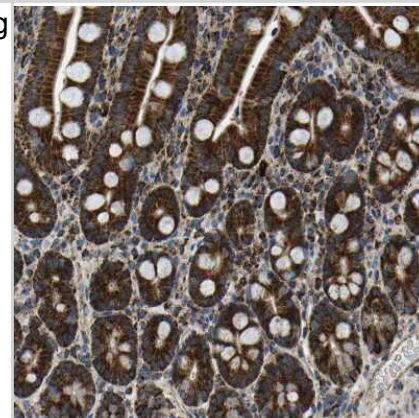
Immunohistochemistry-Paraffin: TUFM Antibody [NBP1-84890] - Staining of human endometrium shows moderate to strong granular cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: TUFM Antibody [NBP1-84890] - Staining of human kidney shows moderate to strong granular cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: TUFM Antibody [NBP1-84890] - Staining of human duodenum shows strong granular cytoplasmic positivity in glandular cells.



Publications

Lei Y, Wen H, Yu Y et al. The mitochondrial proteins NLRX1 and TUFM form a complex that regulates type I interferon and autophagy. *Immunity* 2012-06-29 [PMID: 22749352]



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Products Related to NBP1-84890

NBP1-84890PEP	TUFM 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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