

# 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.

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 1

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Updated 12/2/2025 v.20.1

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**NBP1-84890**

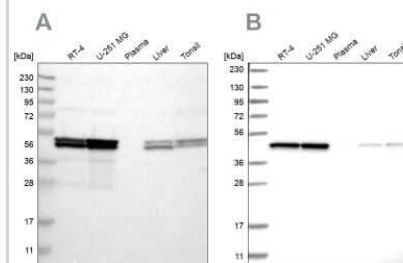
TUFM Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit TUFM Antibody - BSA Free (NBP1-84890) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-TUFM Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	7284
<b>Gene Symbol</b>	TUFM
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (89%), Rat (89%). Reactivity reported in scientific literature (PMID: 22749352)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: LSKEEGGRHKPFVSHFMPVMFSLTWDMACRIILPPEKELAMPGEDLKFNLILRQ PMILEKGQRFTLRDGNRTIGTGLVTNTLAMTEEEKNIKWG
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	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
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

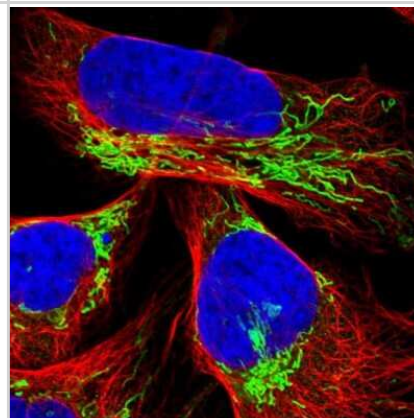


## Images

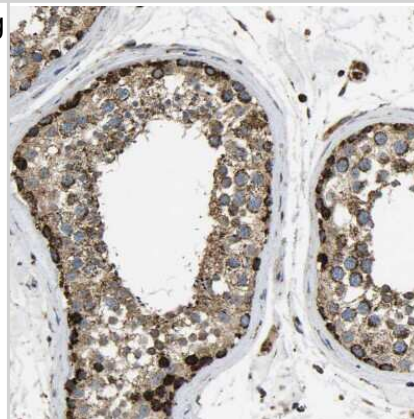
Western Blot: TUFM Antibody [NBP1-84890] - Analysis using Anti-TUFM antibody NBP1-84890 (A) shows similar pattern to independent antibody NBP1-84889 (B).



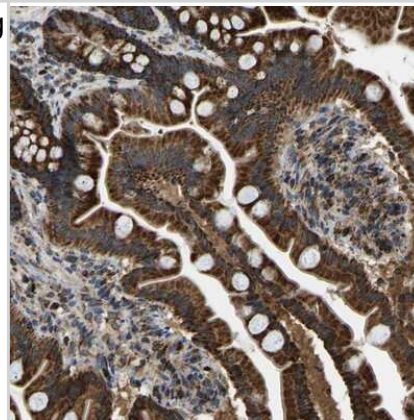
Immunocytochemistry/Immunofluorescence: TUFM Antibody [NBP1-84890] - Immunofluorescent staining of human cell line U-2 OS shows localization to mitochondria.



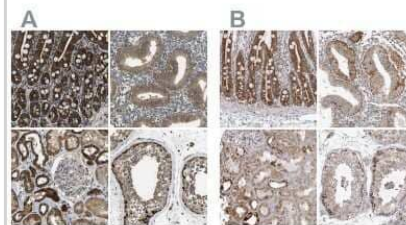
Immunohistochemistry-Paraffin: TUFM Antibody [NBP1-84890] - Staining of human testis shows moderate to strong granular cytoplasmic positivity in cells in seminiferous ducts.



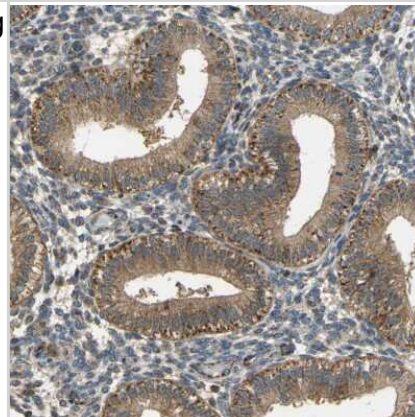
Immunohistochemistry-Paraffin: TUFM Antibody [NBP1-84890] - Staining of human small intestine shows strong cytoplasmic positivity in a granular pattern in glandular cells.



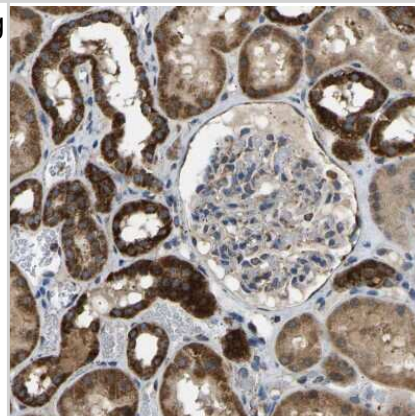
Immunohistochemistry-Paraffin: TUFM Antibody [NBP1-84890] - Staining of human duodenum, endometrium, kidney and testis using Anti-TUFM antibody NBP1-84890 (A) shows similar protein distribution across tissues to independent antibody NBP1-84889 (B).



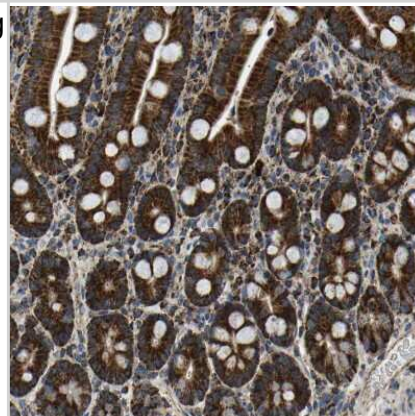
Immunohistochemistry-Paraffin: TUFM Antibody [NBP1-84890] - Staining of human endometrium shows moderate to strong granular cytoplasmic positivity in glandular cells.



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**

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NBP1-84890PEP	TUFM 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

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### **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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