

Product Datasheet

GTPBP10 Antibody - BSA Free

NBP1-85055

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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Publications: 4

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Updated 12/2/2025 v.20.1

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NBP1-85055

GTPBP10 Antibody - BSA Free

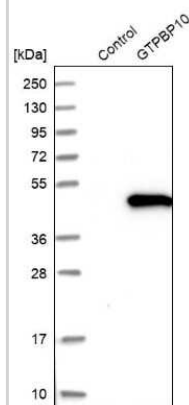
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit GTPBP10 Antibody - BSA Free (NBP1-85055) is a polyclonal antibody validated for use in IHC and WB. Anti-GTPBP10 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	85865
Gene Symbol	GTPBP10
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (86%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ALKGSKGKDC EIPVPGISVTDENGKIIGELNKENDRILVAQGGLGGKLLTNFLP LKGQKR I IHLDLKLIADVGLVGFPNAGKSSLLSCVSHAKPAIADYAF

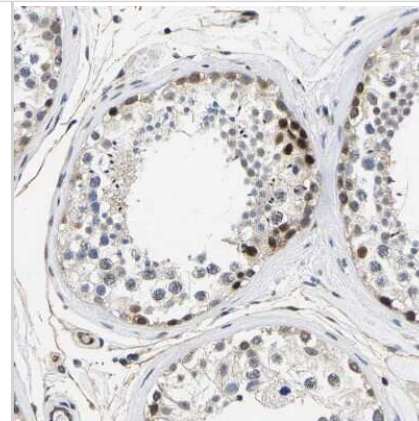
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

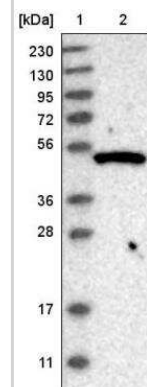
Western Blot: GTPBP10 Antibody [NBP1-85055] - Analysis in control (vector only transfected HEK293T lysate) and GTPBP10 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



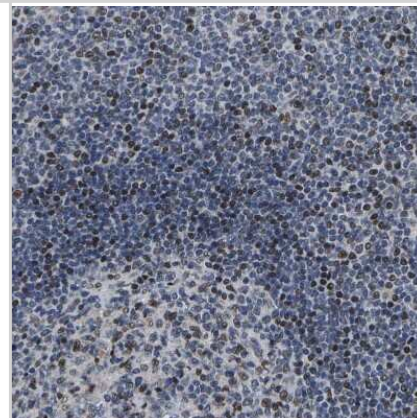
Immunohistochemistry-Paraffin: GTPBP10 Antibody [NBP1-85055] - Staining of human testis shows strong nuclear positivity in a subset of cells in seminiferous ducts.



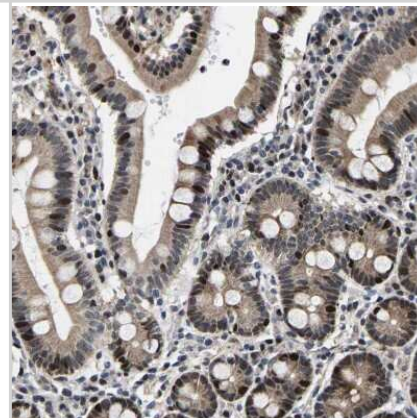
Western Blot: GTPBP10 Antibody [NBP1-85055] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-257



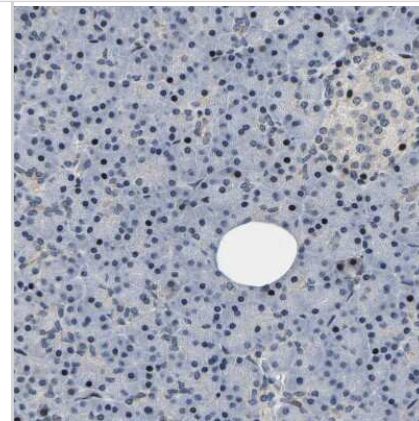
Immunohistochemistry-Paraffin: GTPBP10 Antibody [NBP1-85055] - Staining of human lymph node shows strong nuclear positivity in a subset of lymphoid cells.



Immunohistochemistry-Paraffin: GTPBP10 Antibody [NBP1-85055] - Staining of human duodenum shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: GTPBP10 Antibody [NBP1-85055] - Staining of human pancreas shows moderate nuclear positivity in exocrine glandular cells.



Publications

Poerschke S, Oeljeklaus S, Cruz-Zaragoza LD et Al. Identification of TMEM126A as OXA1L-interacting protein reveals cotranslational quality control in mitochondria Mol Cell 2024-01-18 [PMID: 38199007]

Liang Wang, Taru Hilander, Xiaonan Liu, Hoi Ying Tsang, Ove Eriksson, Christopher B Jackson, Markku Varjosalo, Hongxia Zhao GTPBP8 is required for mitoribosomal biogenesis and mitochondrial translation. Cellular and molecular life sciences : CMLS 2023-11-20 [PMID: 37971521]

Wang L, Hilander T, Liu X et al. GTPBP8 is required for mitoribosomal biogenesis and mitochondrial translation bioRxiv 2023-05-29 (WB, Human)

Details:
WB 1:500

Reyes A, Favia P, Vidoni S et al. RCC1L (WBSCR16) isoforms coordinate mitochondrial ribosome assembly through their interaction with GTPases PLoS Genet. 2020-07-01 [PMID: 32735630] (WB, Human)



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Products Related to NBP1-85055

NBP1-85055PEP	GTPBP10 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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