

Product Datasheet

TOMM40 Antibody - BSA Free NBP2-38289

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: 1

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NBP2-38289

TOMM40 Antibody - BSA Free

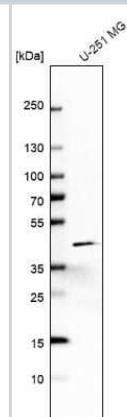
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	10452
Gene Symbol	TOMM40
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (80%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: FTLPPLGGSLGAGTSTSRSSERTPGAATASASGAAEDGACGCLPNPGTFEEC HRKCKELFPIQM

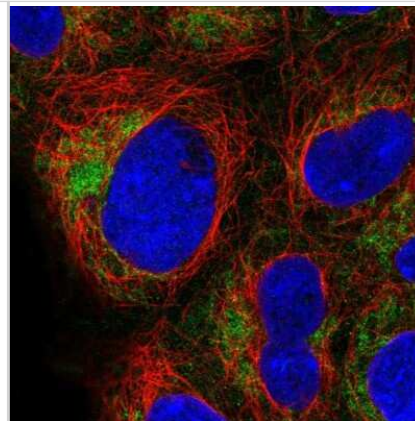
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 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

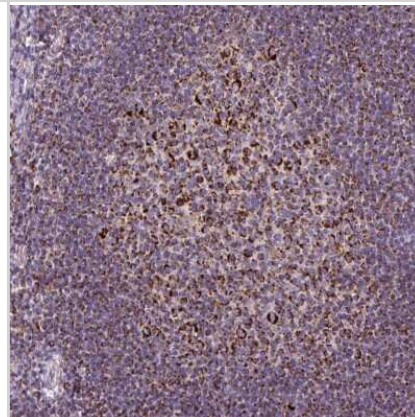
Western Blot: TOMM40 Antibody [NBP2-38289] - Analysis in human cell line U-251 MG.



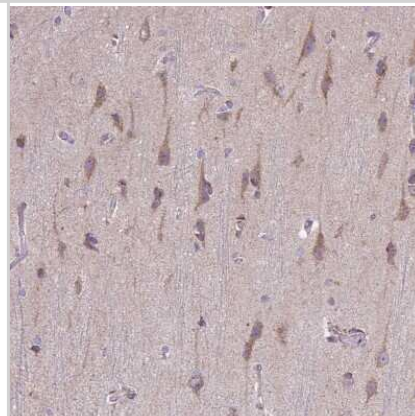
Immunocytochemistry/Immunofluorescence: TOMM40 Antibody [NBP2-38289] - Staining of human cell line HEK 293 shows localization to mitochondria. Antibody staining is shown in green.



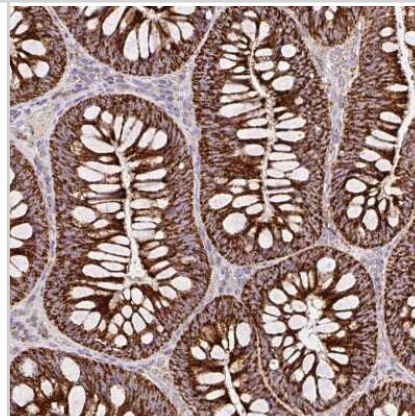
Immunohistochemistry-Paraffin: TOMM40 Antibody [NBP2-38289] - Staining of human tonsil shows strong granular positivity in cytoplasm in germinal center cells.



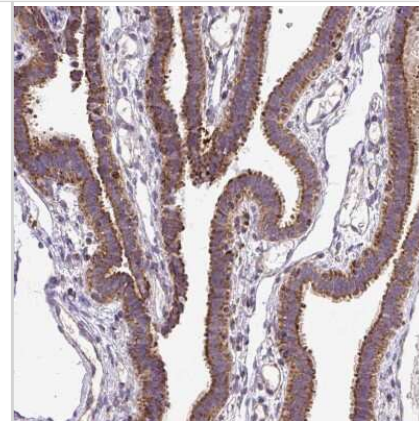
Immunohistochemistry-Paraffin: TOMM40 Antibody [NBP2-38289] - Staining of human cerebral cortex shows weak granular positivity in cytoplasm in neurons.



Immunohistochemistry-Paraffin: TOMM40 Antibody [NBP2-38289] - Staining of human colon shows strong granular positivity in cytoplasm in glandular cells.



Immunohistochemistry-Paraffin: TOMM40 Antibody [NBP2-38289] - Staining of human Fallopian tube shows moderate granular positivity in cytoplasm in glandular cells.



Publications

Elcocks H, Brazel AJ, McCarron KR et al. FBXL4 ubiquitin ligase deficiency promotes mitophagy by elevating NIX levels The EMBO journal 2023-04-27 [PMID: 37102372] (WB, Human)



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Products Related to NBP2-38289

NBP2-38289PEP	TOMM40 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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