

Product Datasheet

TGN46 Antibody - BSA Free

NBP1-86949

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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NBP1-86949

TGN46 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

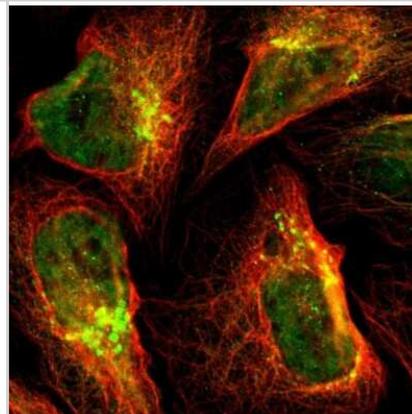
Product Description	
Description	Novus Biologicals Rabbit TGN46 Antibody - BSA Free (NBP1-86949) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-TGN46 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10618
Gene Symbol	TGOLN2
Species	Human
Marker	TGN Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ATESVKQEEAGVRPSAGNVSTHPSLSQRPGGSTKSHPEPQTPKDSPSKSSAE AQTPEDETPNKSGAEAKTQKDSSNRSGA

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunoprecipitation Reported in scientific literature (PMID: 23532850), 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.

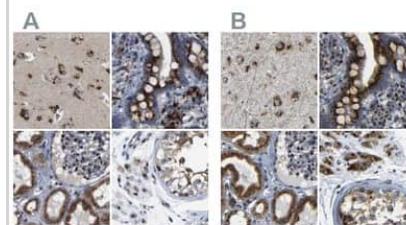


Images

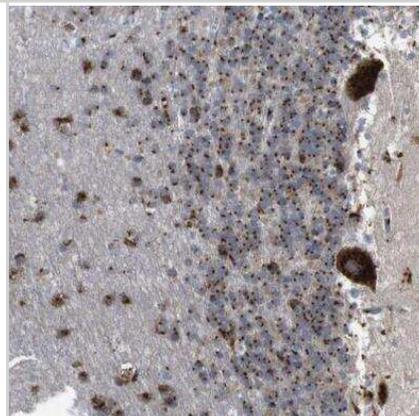
Immunocytochemistry/Immunofluorescence: TGN46 Antibody [NBP1-86949] - Staining of human cell line U-2 OS shows localization to nucleoplasm & the Golgi apparatus. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: TGN46 Antibody [NBP1-86949] - Staining of human cerebral cortex, colon, kidney and testis using Anti-TGOLN2 antibody NBP1-86949 (A) shows similar protein distribution across tissues to independent antibody NBP1-86948 (B).



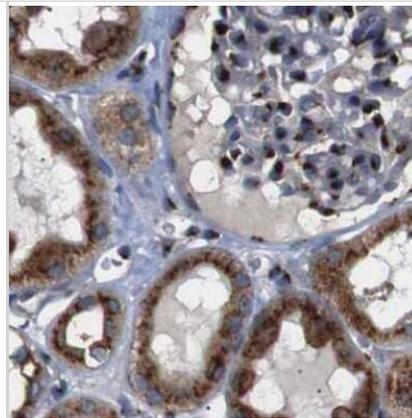
Immunohistochemistry-Paraffin: TGN46 Antibody [NBP1-86949] - Staining of human cerebellum shows strong cytoplasmic positivity in purkinje cells.



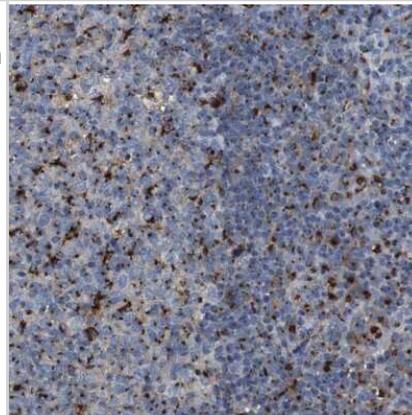
Immunohistochemistry-Paraffin: TGN46 Antibody [NBP1-86949] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



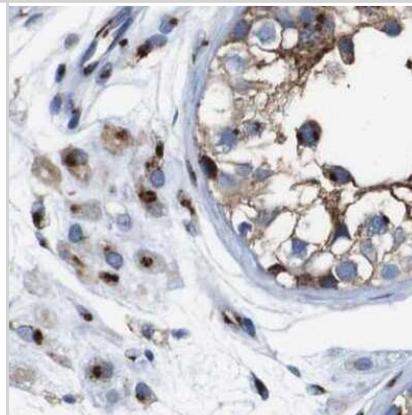
Immunohistochemistry-Paraffin: TGN46 Antibody [NBP1-86949] - Staining of human kidney.



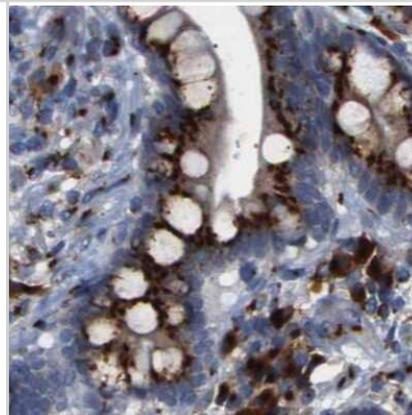
Immunohistochemistry-Paraffin: TGN46 Antibody [NBP1-86949] - Staining of human lymph node shows strong cytoplasmic positivity in non-germinal center cells.



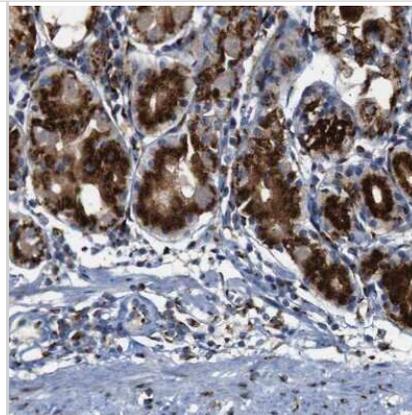
Immunohistochemistry-Paraffin: TGN46 Antibody [NBP1-86949] - Staining of human testis.



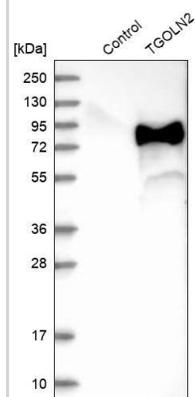
Immunohistochemistry-Paraffin: TGN46 Antibody [NBP1-86949] - Staining of human colon.



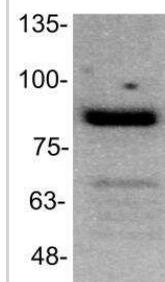
Immunohistochemistry-Paraffin: TGN46 Antibody [NBP1-86949] - Staining of human stomach shows strong cytoplasmic positivity in glandular cells.



Analysis in control (vector only transfected HEK293T lysate) and TGOLN2 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



Western Blot: TGN46 Antibody [NBP1-86949] - Analysis of lysate from 293T cells. Image submitted by a verified customer review.



Publications

Philippe M, Leger T, Desvaux R, Walch L. Discs Large 1 (Dlg1) Scaffolding Protein Participates with Clathrin and Adaptator Protein Complex 1 (AP-1) in Forming Weibel-Palade Bodies of Endothelial Cells. J Biol Chem 2013-05-03 [PMID: 23532850] (IP, WB, ICC/IF, Human)



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Products Related to NBP1-86949

NBP1-86949PEP	TGN46 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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