

Rabbit TGN46/TGOLN2 Polyclonal Antibody | anti-TGN46/TGOLN2 antibody

TGN46/TGOLN2 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281684	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TGN46/TGOLN2; Polyclonal Antibody; TGN46/TGOLN2 Rabbit pAb; TGOLN2; TGN38; TGN46; TGN48; TGN51; TTGN2; anti-TGN46/TGOLN2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-TGN46/TGOLN2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic Peptide of human TGN46/TGN46/TGOLN2
Cellular Location	Cell membrane, Golgi apparatus, Single-pass type I membrane protein, trans-Golgi network membrane
Positive Samples	mouse brain, rat brain
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using TGN46/TGN46/TGOLN2 Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



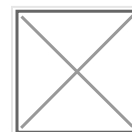
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon using TGN46/TGN46/TGOLN2 Rabbit pAb at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse testis using TGN46/TGN46/TGOLN2 Rabbit pAb at dilution of 1:100 (20x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse testis using TGN46/TGN46/TGOLN2 Rabbit pAb at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TGN46/TGN46/TGOLN2 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 1min.

ADDITIONAL INFORMATION

Related Product Information for anti-TGN46/TGOLN2 antibody	Background: This gene encodes a type I integral membrane protein that is localized to the trans-Golgi network, a major sorting station for secretory and membrane proteins. The encoded protein cycles between early endosomes and the trans-Golgi network, and may play a role in exocytic vesicle formation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	332205947
NCBI GeneID	10618
NCBI Accession #	NP_001193769.1
NCBI GenBank Nucleotide #	NM_001206840.1
UniProt Accession #	O43493 ; O15282 ; O43492 ; O43499 ; O43500 ; O43501 ; Q53G68 ; Q53GV2 ; B2R686 ; B8ZZ88 ; D6W5K3 ; F8WBK2
Molecular Weight	51,113 Da
NCBI Official Full Name	trans-Golgi network integral membrane protein 2 isoform 2
NCBI Official Synonym Full Names	trans-golgi network protein 2
NCBI Official Symbol	TGOLN2
NCBI Official Synonym Symbols	TGN38; TGN46; TGN48; TGN51; TTGN2
NCBI Protein Information	trans-Golgi network integral membrane protein 2; TGN38 homolog; trans-Golgi network protein TGN51; trans-Golgi network protein (46, 48, 51kD isoforms)
UniProt Protein Name	Trans-Golgi network integral membrane protein 2
UniProt Gene Name	TGOLN2
UniProt Synonym Gene Names	TGN46; TGN51
UniProt Entry Name	TGON2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tgn46-tgoln2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281684>