

Rabbit anti-Human TGN46/TGOLN2 Monoclonal Antibody | anti-TGOLN2 antibody

TGN46/TGOLN2 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282765	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

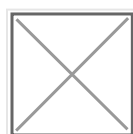
PRODUCT SYNONYMS

TGN46/TGOLN2; Monoclonal Antibody; TGN46/TGOLN2 Rabbit mAb; TGN38; TGN46; TGN48; TGN51; TTN2; hTGN46; hTGN48; hTGN51; anti-TGOLN2 antibody

PRODUCT SPECIFICATIONS

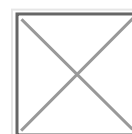
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MRFVVALVLL NVAAAGAVPL LATESVKQEE AGVRPSAGNV STHPSLSQRP GGSTKSHPEP QTPKDSPSKS SAEAQTPEDT PNKSGAEAKT QKDSSNKSGA
Applicable Applications for anti-TGOLN2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human TGN46/TGOLN2 (O43493).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



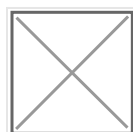
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using TGN46/TGOLN2 Rabbit mAb (AAA282765) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human liver using TGN46/TGOLN2 Rabbit mAb (AAA282765) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from HeLa cells, using TGN46/TGOLN2 Rabbit mAb (AAA282765) at 1:1000 dilution. Secondary antibody: HRP-conjugated 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: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-TGOLN2 antibody	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.
Product Categories/Family for anti-TGOLN2 antibody	Antibodies

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	Calculated MW: 46kDa Observed MW: 90-100kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/tgn46-tgoln2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/282765>