

Sheep TGN46 Polyclonal Antibody | anti-TGN46 antibody

SHEEP ANTI HUMAN TGN46

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50040	Sheep	React with: Primate N.B. Antibody reactivity and working conditions may vary between species.	Western Blot, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

TGN46; Polyclonal Antibody; SHEEP ANTI HUMAN TGN46; TGOLN2; anti-TGN46 antibody

PRODUCT SPECIFICATIONS

Host	Sheep
Reactivity	React with: Primate N.B. Antibody reactivity and working conditions may vary between species.
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified, Liquid
Concentration	IgG concentration 0.25mg/ml (varies by lot)
Sequence Length	480
Applicable Applications for anti-TGN46 antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Perservative Stabilisers	<0.1% Sodium Azide (NaN ₃) 0.5% Bovine Serum Albumin 25% Glycerol
Specificity	Sheep anti Human TGN46 antibody recognizes Trans-Golgi network integral membrane protein 2 (TGOLN2), also known as TGN38 homolog, TGN46, TGN48 or Trans-Golgi network protein TGN51. TGN46 is a 437 amino acid glycoprotein localized to the Trans-Golgi network. TGN46 has been reported as being the best available marker for human trans-Golgi network. TGN46 is a heavily glycosylated protein of around 110-120 kDa. Multiple isoforms of TGN46 are generated by alternative splicing differing in sequence at the C-terminal prtion. Sheep anti Human TGN46 antibody is expeced to recognize all identified isoforms.
Immunogen	Recombinant human TGN46
Buffer Solution	Phosphate buffered saline
Antiserum Preparation	Antisera to human TGN46 were raised by repeated immunisation of sheep with highly purified antigen. Purified IgG prepared by affinity chromatography.
Target Species	Human
Reactivity Note	Cross reactivity is derived from testing within QC internal labs, peer reviewed publications or personal communications from the originators.
Preparation and Storage	It is recommended to aliquot and store at -20 degree C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8 degree C for short term use and store the remaining aliquots at -20 degree C. Avoid repeated freezing and thawing as this may denature the antibody.

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
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 (46, 48, 51kD isoforms); trans-Golgi network protein TGN51
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://www.aaabiotech.com/polyclonal/tgn46-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/50040>