Rabbit anti-Human TGOLN2 Polyclonal Antibody | anti-TGOLN2 antibody

Rabbit anti-TGOLN2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212688	**Rabbit**	**Human**	**Immunohistochemistry, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

TGOLN2; Polyclonal Antibody; Rabbit anti-TGOLN2 Antibody; Affinity Purified; trans-Golgi network protein TGN51; trans-Golgi network protein (46; 48; 51kD isoforms); TTGN2; trans-Golgi network integral membrane protein 2; TGN46; TGN38 homolog; TGN38; TGN48; TGN51; Trans-Golgi network integral membrane protein 2; trans-golgi network protein 2; anti-TGOLN2 antibody

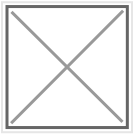
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-TGOLN2 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 25 and 75
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES

WB (Western Blot)
Detection of human TGOLN2 by western blot. Samples: Whole cell lysate (50 ug) prepared using NETN buffer from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-TGOLN2 antibody AAA212688 (lot AAA212688-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

IP (Immunoprecipitation)
Detection of human TGOLN2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) prepared using NETN buffer from 293T cells. Antibodies: Affinity purified rabbit anti-TGOLN2 antibody AAA212688 (lot AAA212688-1) used for IP at 6 ug per reaction. TGOLN2 was also immunoprecipitated by rabbit anti-TGOLN2 antibody For blotting immunoprecipitated TGOLN2, AAA212688 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)
Detection of human TGOLN2 by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-TGOLN2 (Cat. No. AAA212688 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-TGOLN2 antibody	TGOLN2 is a type I integral membrane protein that is localized to the trans-Golgi network, a major sorting station for secretory and membrane proteins. TGOLN2 cycles between early endosomes and the trans-Golgi network, and may play a role in exocytic vesicle formatio [taken from NCBI Entrez Gene (Gene ID: 10618)].
Product Categories/Family for anti-TGOLN2 antibody	Primary 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	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/tgoln2-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212688