ARG22492
anti-TGN46 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TGN46 This antibody recognizes Trans-Golgi network integral membrane protein 2, also known as TGN46, TGN38 homolog or Trans-Golgi network protein TGN51. TGN46 is a 480 amino acid ~110kDa single pass type I transmembrane glycoprotein associated with the trans golgi network membrane. TGN46 has been reported as being the best available marker for human trans-Golgi network.
Tested Reactivity	Hu, NHuPrm
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TGN46
Species	Human
Immunogen	Recombinant human TGN46.
Conjugation	Un-conjugated
Alternate Names	Trans-Golgi network protein TGN51; TGN48; TGN46; TGN51; Trans-Golgi network integral membrane protein 2; TGN38 homolog; TTGN2; TGN38

Application Instructions

Application table

Application	Dilution
ICC/IF	1:50 - 1:100
WB	1:500 - 1:000

Application Note: ICC/IF: Fixation of tissues with 3% paraformaldehyde or methanol is recommended prior to using this antibody on immunofluorescence.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Buffer	Serum, 0.02% Sodium azide, 50% Glycerol and 1% BSA.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol and 1% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	TGOLN2
Gene Full Name	trans-golgi network protein 2
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. [provided by RefSeq, Oct 2011]
Function	May be involved in regulating membrane traffic to and from trans-Golgi network. [UniProt]
Calculated Mw	46 kDa (unmodified). 110-120 kDa (glycosylated)