

ARG22416 anti-TGN46 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Sheep Polyclonal antibody recognizes TGN46 This antibody recognizes Trans-Golgi network integral membrane protein 2 (TGN46), 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 portion. Sheep anti Human TGN46 antibody is expected to recognize all identified isoforms.
Tested Reactivity	Hu, NHuPrm
Tested Application	ICC/IF, IHC-Fr, WB
Host	Sheep
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; TGN2; TGN38

Application Instructions

Application table	Application	Dilution
	ICC/IF	Assay-dependent
	IHC-Fr	1:50 - 1:100
	WB	1:500 - 1:1000
Application Note	IHC-Fr: Fixation with 3% paraformaldehyde or methanol/acetone is recommended. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS, 0.02% Sodium azide, 25% Glycerol and 1% BSA.
Preservative	0.02% Sodium azide
Stabilizer	25% 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)