

Datasheet for ABIN351006 **anti-TGOLN2 antibody**

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Overview

Quantity:	500 µg
Target:	TGOLN2
Reactivity:	Mouse
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This TGOLN2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Sheep antibody to TGN38
Immunogen:	A synthetic peptide from mouse TGN38 conjugated to blue carrier protein was used as the antigen.
Isotype:	IgG
Specificity:	Specific for TGN38
Cross-Reactivity:	Human, Marmoset, Mouse, Rat
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

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Target Details

Alternative Name: TGN38 ([TGOLN2 Products](#))

Background: FUNCTION: May be involved in regulating membrane traffic to and from trans-Golgi network. SUBCELLULAR LOCATION: Cell membrane, Single-pass type I membrane protein. Golgi apparatus trans-Golgi network membrane, Single-pass type I membrane protein. Note: Primarily in trans-Golgi network. Cycles between the trans-Golgi network and the cell surface returning via endosomes. TISSUE SPECIFICITY: Isoform TGN46 is widely expressed. Isoform TGN51 is more abundant in fetal lung and kidney. Isoform TGN48 is barely expressed in embryonic kidney and promyelocytic cells. MISCELLANEOUS: Not found in strains BALB/c C57BL/6 and DBA/2.

UniProt: [O43493](#)

Application Details

Application Notes: IHC WB. A concentration of 10-50 µg/ml is recommended. The optimal concentration should be determined by the end user. Not yet tested in other applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in 500 µL of sterile water. Centrifuge to remove any insoluble material.

Handling Advice: Avoid freeze and thaw cycles.

Storage: 4 °C, -20 °C

Storage Comment: Maintain the lyophilised/reconstituted antibodies frozen at -20C for long term storage and refrigerated at 2-8C for a shorter term. When reconstituting glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.

Expiry Date: 12 months