abcam

Product datasheet

Anti-TGN46 antibody ab56726

2 References 2 Images

Overview

Product name	Anti-TGN46 antibody
Description	Mouse monoclonal to TGN46
Host species	Mouse
Tested applications	**Suitable for:** IHC-P, WB
Species reactivity	**Reacts with:** Human
Immunogen	Recombinant fragment: QGPIDGPSKS GAEEQTSKDS PNKVVPEQPS RKDHSKPISN PSDNKELPKA DTNQLADKGK LSPHAFKTES GEETDLISPP QEEVKSSEPT EDVEPKEAE, corresponding to amino acids 229-328 of Human TGN46 Run BLAST with ExPASy Run BLAST with NCBI

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None PBS, pH 7.2
Purity	Protein G purified
Clonality	Monoclonal
Isotype	IgG2a
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab56726 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

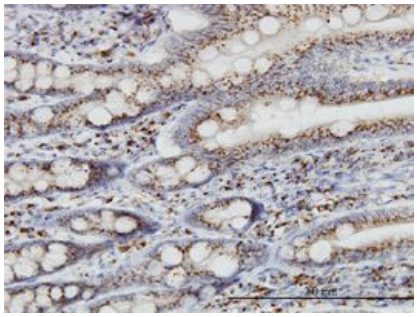
Application	Abreviews	Notes
IHC-P		Use a concentration of 3 µg/ml.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

Target

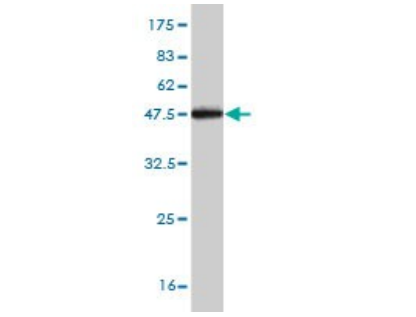
Function	May be involved in regulating membrane traffic to and from trans-Golgi network.
Tissue specificity	Isoform TGN46 is widely expressed. Isoform TGN51 is more abundant in fetal lung and kidney. Isoform TGN48 is barely expressed in embryonic kidney and promyelocytic cells.
Cellular localization	Cell membrane. Golgi apparatus > trans-Golgi network membrane. Primarily in trans-Golgi network. Cycles between the trans-Golgi network and the cell surface returning via endosomes.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TGN46 antibody (ab56726)

TGN46 antibody (ab56726) used in immunohistochemistry at 3ug/ml on formalin fixed and paraffin embedded human small Intestine.



Western blot - Anti-TGN46 antibody (ab56726)

Western blot against tagged recombinant protein immunogen using ab56726 TGN46 antibody at 1ug/ml. Predicted band size of immunogen is 37 kDa

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