

TGN46 Rabbit mAb

Catalog No: #49370

Package Size: #49370-1 50ul #49370-2 100ul



SAB[®]
Signalway Antibody

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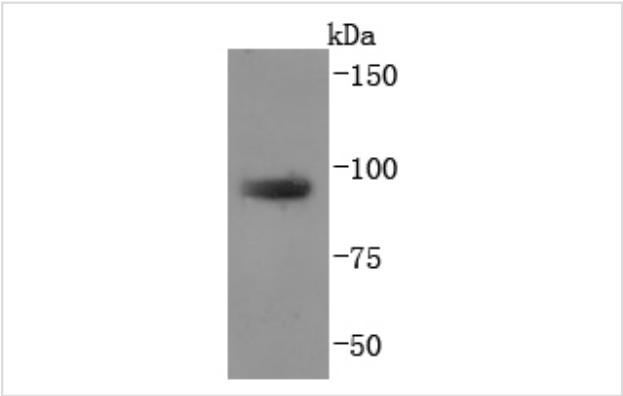
Description

Product Name	TGN46 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	JF1-024
Purification	ProA affinity purified
Applications	WB, IHC, IP
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	TGN 46 antibody TGN 51 antibody TGN38 antibody TGN38 homolog antibody TGN46 antibody TGN48 antibody TGN51 antibody TGOLN2 antibody TGON2_HUMAN antibody Trans Golgi network integral membrane protein 2 antibody Trans golgi network protein 2 antibody Trans Golgi network protein TGN51 antibody Trans-Golgi network integral membrane protein 2 antibody Trans-Golgi network protein TGN51 antibody TTN2 antibody
Accession No.	Swiss-Prot#:O43493
Calculated MW	95 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

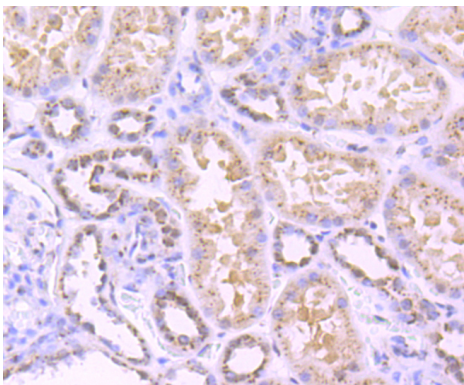
Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200IP: 1:50-1:100

Images



Western blot analysis of TGN46 on NIH/3T3 cells lysates using anti-TGN46 antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-TGN46 antibody. Counter stained with hematoxylin.

Background

TGN38 (trans-Golgi network protein 2) is a type I integral membrane protein that constitutively cycles between the TGN and plasma membrane where it partitions nascent proteins into carrier vesicles for transport to appropriate destinations in the cell. The cytosolic domain of TGN38 interacts with AP2 Clathrin adaptor complexes via the tyrosine-containing motif (SDYQRL) to direct internalization from the plasma membrane. N- and O-linked oligosaccharide chains attach to the core TGN38 protein to produce a protein present in brain, lung and kidney.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.