

TGN46 Rabbit mAb

Catalog No: #49370

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

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

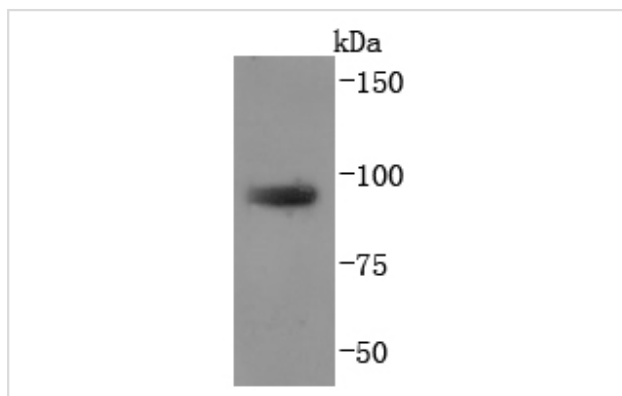
Description

| | |
|-----------------------|---|
| Product Name | TGN46 Rabbit mAb |
| Host Species | Recombinant Rabbit |
| Clonality | Monoclonal antibody |
| Clone No. | JF1-024 |
| Purification | ProA affinity purified |
| Applications | WB, IHC, IP |
| Species Reactivity | Hu |
| Immunogen Description | recombinant protein |
| 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 TTGN2 antibody |
| Accession No. | Swiss-Prot#:O43493 |
| Uniprot | O43493 |
| GeneID | 10618; |
| Calculated MW | 95 kDa |
| Formulation | 1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide. |
| Storage | Store at -20°C |

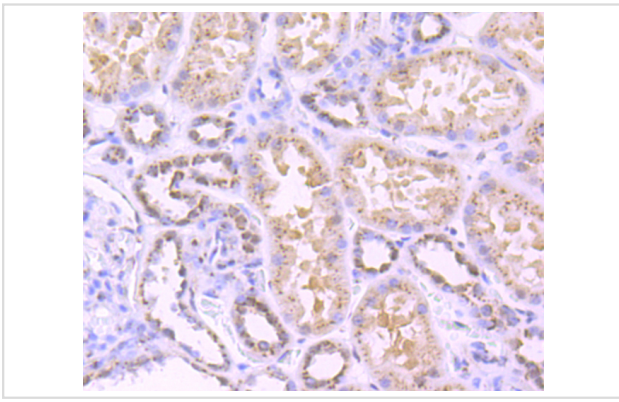
Application Details

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