

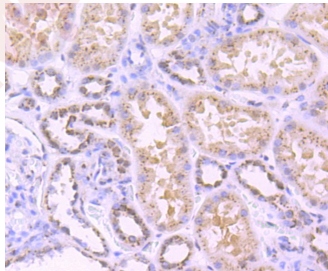
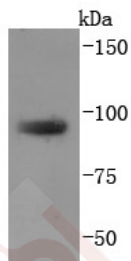
Anti-TGN46 Antibody (3J458)

Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 95 kDa.
Clone:	3J458
Purification:	ProA affinity purified

Applications

- Verified Activity:
1. Western blot analysis of TGN46 on NIH/3T3 cells lysates using anti-TGN46 antibody at 1/1,000 dilution.
 2. Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-TGN46 antibody. Counter stained with hematoxylin.



Application:	IHC,IP,WB
Recommended	WB: 1:1000-2000; IHC: 1:50-200; IP: 1:50-100

Properties

- Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
- Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	O43493
Synonyms:	Trans-Golgi network glycoprotein 48;Trans-Golgi network glycoprotein 51;Trans-Golgi network glycoprotein 46;Trans-Golgi network integral membrane protein 2;Trans-Golgi network protein 2

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481