

Product datasheet for **AP05989PU-S**

TGN46 (TGOLN2) Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Immunohistochemistry on Frozen Sections: 0.1-1 µg/ml. Western Blot: 0.1-1 µg/ml.
Reactivity:	Mouse, Rat
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein corresponding to extracellular domain of TGN38.
Specificity:	This antibody recognizes a glycoprotein designated TGN38 that is found primarily in the Trans-golgi network, and has been found to be an excellent marker for this cellular organelle.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Stabilizer: <ul style="list-style-type: none">• 1% BSA Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	trans-golgi network protein 2
Database Link:	O43493



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- Background:** TGN38 is likely to have a role in intracellular transport. It is the homologue of human TGN46. TGN38 is likely to have a role in intracellular transport (McNamara et al. 2004) and plays a role in morphological maintenance (Girotti and Banting 1996). It is the homologue of human TGN46 and macaque TGN47 (Ponnambalam et al. 1996).
- Synonyms:** TGN38 homolog, TGN48, TGN51, Golgi Marker