Data Sheet (Cat.No.TMAB-06526)

Anti-GLT28D1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted:Human)
Molecular Weight:	Theoretical: 126 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Tissue/cell: Rat stomach tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37℃ for 20 min; Incubation: Anti-GLT28D1 Polyclonal Antibody, Unconjugated (TMAB-06526) 1: 200, overnight at 4℃, followed by conjugation to the secondary antibody and DAB staining
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2℃-8℃ for 1 month. Store at -20℃ or -80℃ for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human GLT28D1/ALG13
Antigen Species:	Human
Gene ID:	79868
Uniprot ID:	Q9NP73

Research Background

ALG13 is a 1,137 amino acid protein belonging to the glycosyltransferase 28 family. Encoded by a gene that maps to human chromosome Xq23, ALG13 is a subunit of a bipartite UDP-N-acetylglucosamine transferase and plays a role in protein folding regulation and stabilization. ALG13 contains one OTU domain, one TudorSN domain, and exists as four alternatively spliced isoforms. Heterodimerizing with ALG14, ALG13 forms a UDP-GlcNAc glycosyltransferase, which catalyzes the second sugar addition of the oligosaccharide precursor in endoplasmic reticulum (ER) N-linked glycosylation. ALG13 localizes to ER and may be recruited to the cytosolic face of the membrane by interacting with ALG14.

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