

Anti-Golgin subfamily A member 4 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Pig,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 261 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (GOGA4) Polyclonal Antibody, Unconjugated (TMAB-06634) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions 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°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Golgin subfamily A member 4/Golgin 245
Antigen Species:	Human
Gene ID:	2803
Uniprot ID:	Q13439

Research Background

Golgin 245 is also known as p230, GCP2, GOLG or golgi autoantigen and is a 2,230 amino acid protein that is expressed as three isoforms. Golgin 245 is localized to the cytoplasm in cells and is a member of the golgin family, all of which are peripheral membrane proteins associated with the Golgi complex. Golgin 245 has a carboxyl-terminal GRIP domain, which attaches to the trans-Golgi network (TGN) and TGN-derived vesicles. It is thought that the interaction that takes place between golgin 245 and MACF1, which cross-links microtubules to the Actin cytoskeleton, allows proteins to be transported from the TGN to the cell periphery. Antibodies against golgin 245 are associated with two chronic disorders known as Sjögren's syndrome and Hepatitis B.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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