
Golgin subfamily A member 4 Rabbit pAb

Catalog Number: bs-13487R

Target Protein: Golgin subfamily A member 4

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Mouse (predicted:Human, Rat, Rabbit, Pig, Cow, Horse)

Predicted MW: 261 kDa

Subcellular: Cell membrane ,Cytoplasm

Locations:

Entrez Gene: 2803

Swiss Prot: Q13439

Source: KLH conjugated synthetic peptide derived from human Golgin subfamily A member 4/Golgin 245: 2061-2160/2230.

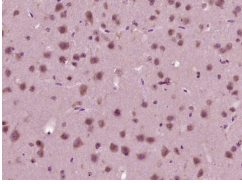
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GOGA4) Polyclonal Antibody, Unconjugated (bs-13487R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.