

Product datasheet for **TA319802**

GOLGA5 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	GOLGA5 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human GOLGA5.
Formulation:	GOLGA5 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	GOLGA5 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 64, 80 kDa; Observed: 65, 78 kDa
Gene Name:	golgin A5
Database Link:	NP_005104 Entrez Gene 27277 Mouse Entrez Gene 299258 Rat Entrez Gene 9950 Human Q8TBA6



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Background:

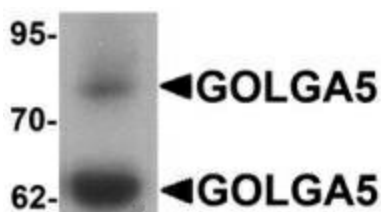
GOLGA5 Antibody: GOLGA5 (Golgi autoantigen, subfamily A, member 5), also known as GOLGA84, RFG5 (RET-fused gene 5 protein) or GOLIM5, is a ubiquitously expressed single-pass type II coiled-coil membrane protein that is involved in maintaining Golgi structure (1). It is localized to the Golgi apparatus and predominantly found on membranes at the cis side of the Golgi stack (1,2). As a mitotic phosphoprotein, GOLGA5 binds to active Rab 1 and associates with CASP (an isoform of CDP) in a golgin-tethering complex that is believed to play a role in intra-Golgi retrograde transport (3,4). Defects in GOLGA5 are a cause of thyroid papillary carcinoma (TPC) (5).

Synonyms:

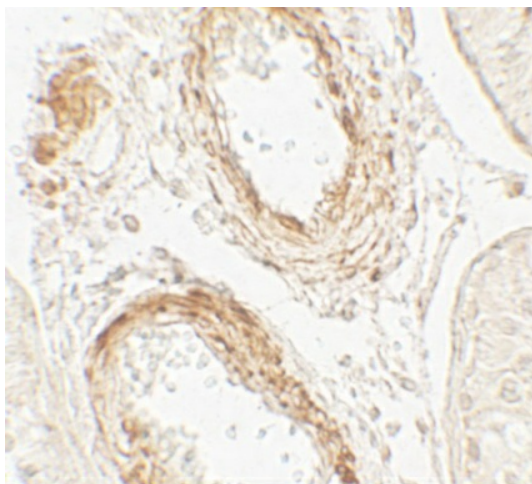
GOLIM5; ret-II; RFG5

Protein Families:

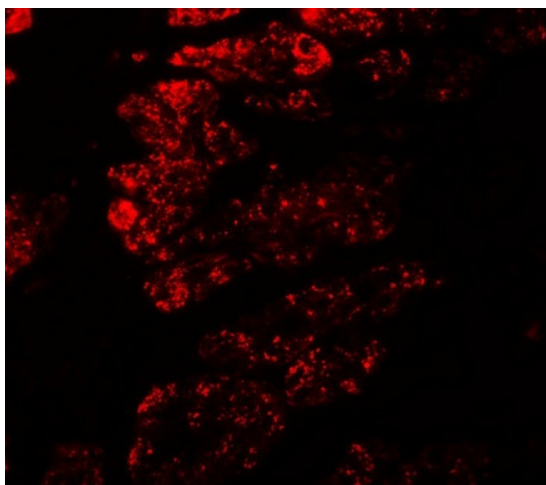
Druggable Genome, Transmembrane

Product images:


Western blot analysis of GOLGA5 in human testis tissue lysate with GOLGA5 antibody at 1 ug/mL.



Immunohistochemistry of GOLGA5 in human testis tissue with GOLGA5 antibody at 5 ug/mL.



Immunofluorescence of GOLGA5 in human testis tissue with GOLGA5 antibody at 20 ug/mL.