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Golgi Complex Rabbit pAb

Catalog # AP99529

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q92896
Other Accession	Q92896
Reactivity	Mouse
Predicted	Rat, Pig, Human, Rabbit, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	134552
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Golgi Complex
Epitope Specificity	321-420/1179
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 16 Cys-rich GLG1 repeats.
Post-translational modifications	Fucosylation is essential for binding to E-selectin. N-glycosylated. Contains sialic acid residues.
DISEASE	Expressed both in adult and fetal tissues.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Binds fibroblast growth factor and E-selectin (cell-adhesion lectin on endothelial cells mediating the binding of neutrophils).

Additional Information

Gene ID	2734
Other Names	CFR; CFR-1; ESL-1; MG-160; MG160; Selel; GSLG1_CHICK; GLG1; Cysteine-rich fibroblast growth factor receptor; GSLG1_HUMAN; E-selectin ligand 1 (ESL-1); Golgi sialoglycoprotein MG-160; CFR1; ESL1; GSLG1_MOUSE; E-selectin ligand 1 (ESL-1 | Selel); golgi glycoprotein 1; golgi apparatus protein 1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	GLG1
Synonyms	CFR1, ESL1, MG160
Function	Binds fibroblast growth factor and E-selectin (cell-adhesion lectin on endothelial cells mediating the binding of neutrophils).
Cellular Location	Golgi apparatus membrane; Single-pass type I membrane protein. Golgi outpost {ECO:0000250|UniProtKB:Q62638}. Cytoplasm, cytoskeleton, microtubule organizing center {ECO:0000250|UniProtKB:Q62638}. Note=Golgi medial cisternae. Localizes to the postsynaptic Golgi apparatus region, also named Golgi outpost, which shapes dendrite morphology by functioning as sites of acentrosomal microtubule nucleation. {ECO:0000250|UniProtKB:Q62638}
Tissue Location	Widely expressed. Highest levels in pancreas, skeletal muscle, placenta, heart, testis and ovary. Also found in the kidney, liver, lung and brain.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.