10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GLG1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9839b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q92896
Other Accession	Q62638, Q61543, Q9Z1E9, Q02391
Reactivity	Human, Mouse
Predicted	Chicken, Hamster, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	134552
Antigen Region	1152-1179

Additional Information

Gene ID	2734
Other Names	Golgi apparatus protein 1, CFR-1, Cysteine-rich fibroblast growth factor receptor, E-selectin ligand 1, ESL-1, Golgi sialoglycoprotein MG-160, GLG1, CFR1, ESL1, MG160
Target/Specificity	This GLG1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1152-1179 amino acids from the C-terminal region of human GLG1.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	GLG1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

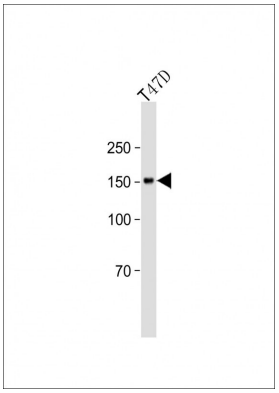
Name	GLG1
Synonyms	CFR1, ESL1, MG160

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.

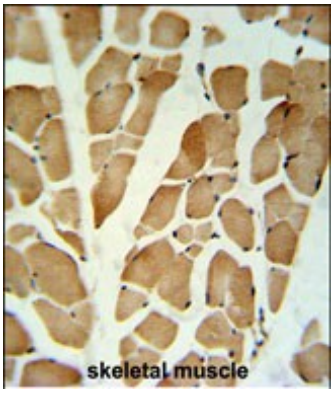
References

Dastani, Z., et al. Eur. J. Hum. Genet. 18(3):342-347(2010)
Kibriya, M.G., et al. Breast Cancer Res. Treat. 114(3):463-477(2009)
Antoine, M., et al. Oncol. Rep. 21(2):357-362(2009)
Ahn, J., et al. J. Cell. Sci. 118 (PT 8), 1725-1731 (2005)
Bouwmeester, T., et al. Nat. Cell Biol. 6(2):97-105(2004)

Images



All lanes: Anti-GLG1 Antibody (C-term) at dilution 1:1000 + T47D whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) E42at 1/15000 dilution. Observed band size: 150KDa Blocking/Dilution buffer: 5% NFDM/TBST.



GLG1 Antibody (C-term) (Cat. #AP9839b) IHC analysis in formalin fixed and paraffin embedded skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GLG1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Citations

- The WDR11 complex facilitates the tethering of AP-1-derived vesicles.

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