

Datasheet for ABIN1589833
anti-GLG1 antibody



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	GLG1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLG1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	ESL-1 antibody
Immunogen:	Recombinant human soluble ESL-1
Isotype:	IgG
Specificity:	Recombinant human soluble ESL-1
Purification:	Protein A purified

Target Details

Target:	GLG1
Alternative Name:	ESL-1 (GLG1 Products)
Background:	Golgi apparatus protein-1, E-selectin ligand-1, Cysteine-rich fibroblast growth factor receptor, E-Selectin ligand-1/ESL-1 (GLG1, Golgi complex-Localized Glycoprotein 1, CFR1, MG160 and

Target Details

Cysteine-rich FGF receptor) is a 150-160 kDa glycoprotein. The amino acid sequence of MG160, a membrane sialoglycoprotein of the medial cisternae of the rat Golgi apparatus, is more than 90 % identical with CFR, a fibroblast growth factor (FGF) binding protein of chicken membranes, and with ESL-1, a ligand for E-selectin of plasma membranes of myeloid cells, furthermore, MG160, isolated by immunoaffinity chromatography from rat brain membranes, binds to basic FGF. The protein has a large luminal domain composed of an initial Proline-Glutamine-rich segment, encoded by an uninterrupted exonic sequence of several CAG-CAA repeats. Expansion of CAG repeats has been implicated in the etiology of several neurodegenerative diseases. The Proline-Glutamine-rich segment is followed by 16 cysteine-rich repeats that contain five potential Asparagine-linked glycosylation sites, which are conserved in the human, rat, mouse, and chicken. The large extracellular domain of the protein is followed by a single transmembrane domain and a 13-amino-acid cytoplasmic carboxy-terminal tail, which is identical to that in the chicken, rat, and mouse. It is expressed in both Golgi and/or the cell membrane of multiple cell types, including liver stellate cells, neurons, cardiac myocytes, monocytes and bronchial epithelial cells. In the blood, GLG1/ESL-1 collaborates with PSGL-1 to mediate leukocyte binding to endothelial cell surfaces

Gene ID:	2734
NCBI Accession:	NM_001145666 , NP_001139138
UniProt:	Q92896

Application Details

Application Notes:	Western Blot: Use 1-5 µg/mL
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL.
Buffer:	PBS
Handling Advice:	Centrifuge vial prior to opening.
Storage:	4 °C,-20 °C
Storage Comment:	The lyophilized antibody is stable for at least 2 years at -20°C. After sterile reconstitution the

Handling

antibody is stable at 2-8°C for up to 6 months. Frozen aliquots are stable for at least 6 months when stored at -20°C. Addition of a carrier protein or 50% glycerol is recommended for frozen aliquots.

Expiry Date: 24 months