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GL54D Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18455b

Product Information

Application	WB, E
Primary Accession	A6NG13
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB38794
Calculated MW	43743
Antigen Region	346-372

Additional Information

Gene ID	152586
Other Names	Alpha-1, 3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase-like protein MGAT4D, 241-, MGAT4D (HGNC:43619)
Target/Specificity	This GL54D antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 346-372 amino acids from the C-terminal region of human GL54D.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. 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	GL54D Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

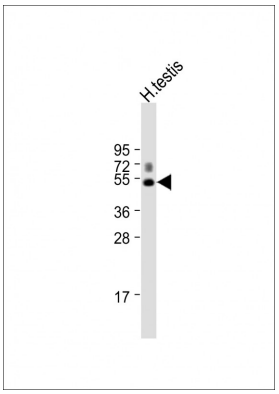
Name	MGAT4D (HGNC:43619)
Function	May play a role in male spermatogenesis. In vitro acts as inhibitor of MGAT1 activity causing cell surface proteins to carry mainly high mannose N-glycans. The function is mediated by its lumenal domain and occurs specifically in the Golgi. A catalytic glucosyltransferase activity is not detected. May be involved

	in regulation of Sertoli-germ cell interactions during specific stages of spermatogenesis.
Cellular Location	Golgi apparatus membrane {ECO:0000250|UniProtKB:Q4V8F8}; Single-pass type II membrane protein {ECO:0000250|UniProtKB:Q4V8F8}. Endoplasmic reticulum membrane; Single-pass type II membrane protein
Tissue Location	Expressed in testis. Poorly expressed in testis biopsies from men with impaired spermatogenesis

Background

The function of this protein remains unknown.

Images



Anti-GL54D Antibody (C-term) at 1:1000 dilution + human testis lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 44 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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