

Rabbit anti-Human POMT1 Polyclonal Antibody | anti-POMT1 antibody

POMT1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285636	Rabbit	Human	Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA, Western Blot

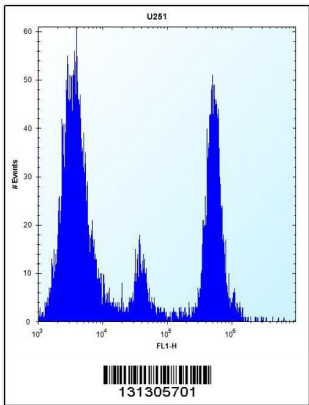
PRODUCT SYNONYMS

POMT1; Polyclonal Antibody; POMT1 Antibody (C-term); Protein O-mannosyl-transferase 1; Dolichyl-phosphate-mannose--protein mannosyltransferase 1; anti-POMT1 antibody

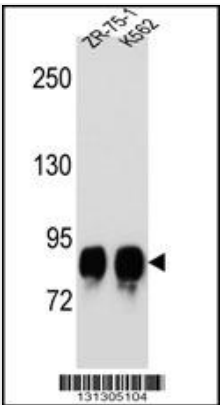
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This POMT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 706-735 amino acids from the C-terminal region of human POMT1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.29 (varies by lot)
Sequence Positions	706-735
Sequence Length	725
Applicable Applications for anti-POMT1 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
POMT1 Antibody (C-term) flow cytometric analysis of U251 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
POMT1 Antibody (C-term) western blot analysis in ZR-75-1,K562 cell line lysates (35ug/lane).This demonstrates the POMT1 antibody detected the POMT1 protein (arrow).



IHC (Immunohistochemistry)
POMT1 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of POMT1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL INFORMATION

Related Product Information for anti-POMT1 antibody	The protein encoded by this gene is an O-mannosyltransferase that requires interaction with the product of the POMT2 gene for enzymatic function. The encoded protein is found in the membrane of the endoplasmic reticulum. Defects in this gene are a cause of Walker-Warburg syndrome (WWS) and limb-girdle muscular dystrophy type 2K (LGMD2K). Several transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-POMT1 antibody	Cancer; Neuroscience; Signal transduction
References	Manya, H., et al. J. Biochem. 147(3):337-344(2010) Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) : Cotarelo, R.P., et al. Clin. Genet. 76(1):108-112(2009) Mercuri, E., et al. Neurology 72(21):1802-1809(2009) Judas, M., et al. Neuropediatrics 40(1):6-14(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	116517317
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NCBI GeneID	10585
NCBI Accession #	NP_001070833.1; NP_001070834.1; NP_001129585.1; NP_001129586.1; NP_009102.3
NCBI GenBank Nucleotide #	NM_001077365.1
UniProt Accession #	Q9Y6A1; Q5JT01; Q5JT06; Q5JT08; Q8NC91; Q8TCA9; Q9NX32; Q9NX82; Q9UNT2; B3KQG0; B4DIF0
Molecular Weight	84881
NCBI Official Full Name	protein O-mannosyl-transferase 1 isoform b
NCBI Official Synonym Full Names	protein-O-mannosyltransferase 1
NCBI Official Symbol	POMT1
NCBI Official Synonym Symbols	RT; LGMD2K; MDDGA1; MDDGB1; MDDGC1
NCBI Protein Information	protein O-mannosyl-transferase 1
UniProt Protein Name	Protein O-mannosyl-transferase 1
UniProt Gene Name	POMT1
UniProt Entry Name	POMT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pomt1-antibody-immunohistochemistry-flow-cytometry-western-blot-elisa/285636>