

POMT1 rabbit monoclonal antibody

Catalog # H00010585-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human POMT1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human POMT1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human POMT1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — POMT1

Entrez GeneID	10585
GeneBank Accession#	POMT1
Gene Name	POMT1
Gene Alias	FLJ37239, LGMD2K, RT
Gene Description	protein-O-mannosyltransferase 1
Omim ID	236670 607423 609308
Gene Ontology	Hyperlink
Gene Summary	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 (WS) and limb-girdle muscular dystrophy type 2K (LGMD2K). Several transcript variants encoding different isoforms have been found for this gene
Other Designations	OTTHUMP00000022405 OTTHUMP00000022406 OTTHUMP00000022407

Pathway

- [O-Mannosyl glycan biosynthesis](#)

Disease

- [Brain Diseases](#)
- [Brain Neoplasms](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Glioma](#)
- [Muscular Dystrophies](#)