

DNAxPAb

Hard-to-Find
Antibody

POMT1 DNAxPab

Catalog # H00010585-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human POMT1 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MWGFLKRPVVVTADINLSLVALTGMGLLSRLWRLTYPRAVVFDEVYGGQYISFYMKQIFFLDDSGP
PFGHMLVALGGYLGGFDGNFLWNRIGAEYSSNPVWVSLRLLPALAGALSVPMAVQMLELHFSHC
AAMGAALLMLIENALITQSRLMLLESVLIFNLLAVLSYLKFFNCQKHSPFSLSWWFWLTLTGVAC
SCAVGIKYMGVFTYVLVLGVAHVHAWHLLGDQTLNVCVFCHELLARAVALLVIPVVLVLLFFVHLL
LVFRSGPHDQIMSSAFQASLEGGLARITQQQPLEVAFGSQVTLRNVFGKPVPCWLHSHQDTYPMI
YENGRGSSHQQQVTCYPFKDVNNWWVKDPRRHQLVSSPPRPVRHGDMMVQLVHGMMTRSLNT
HDVAAPLSPHSQEVSCYIDYNISMPAQNLRLEVNRGSDTDVWKTILSEVRFVHVNTSAVLKLSG
AHLPDWGYRQLEINGEKLSRGYHGSTVWVVEEHRYGASQEQRERERELHSPAQVDVSRNLSFM
ARFSELQWRMLALRSDDEHKYSSSPLEWVTLDTNIAWVLPRTSAQIHLLGNMWWVSGSLALAY
ALLSLWYLLRRRRNVHDLPPQDAWLRWVLAGALCAGGWAVNYLPFFLMEKTLFLYHYLPALTFQIL
LLPVVLQHSDHLCRSQQLQRSIFSALVVAWYSSACHVSNTLRPLTYGDKSLSPHELKALRWKDSW
DILIRKH

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — POMT1

Entrez GeneID [10585](#)

GeneBank Accession# [NM_001077365.1](#)

Protein Accession# [NP_001070833.1](#)

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](#)