

POMT1 Conjugated Antibody

Catalog No: #C37839



Package Size: #C37839-AF350 100ul #C37839-AF405 100ul #C37839-AF488 100ul
 #C37839-AF555 100ul #C37839-AF594 100ul #C37839-AF647 100ul
 #C37839-AF680 100ul #C37839-AF750 100ul #C37839-Biotin 100ul

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Description

Product Name	POMT1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total POMT1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human protein-O-mannosyltransferase 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	RT; LGMD2K; MDDGA1; MDDGB1; MDDGC1
Accession No.	Swiss-Prot#:Q9Y6A1NCBI Gene ID:10585NCBI mRNA#:NCBI Protein#:NP_149100/Q8TCS8
Uniprot	Q9Y6A1
GeneID	10585;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	85
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250
 AF405 conjugated: most applications: 1: 50 - 1: 250
 AF488 conjugated: most applications: 1: 50 - 1: 250
 AF555 conjugated: most applications: 1: 50 - 1: 250
 AF594 conjugated: most applications: 1: 50 - 1: 250
 AF647 conjugated: most applications: 1: 50 - 1: 250
 AF680 conjugated: most applications: 1: 50 - 1: 250
 AF750 conjugated: most applications: 1: 50 - 1: 250

Background

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.

Note: This product is for in vitro research use only