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Datasheet for ABIN760286
anti-POMT1 antibody (AA 651-747)

Overview

Quantity:	100 µL
Target:	POMT1
Binding Specificity:	AA 651-747
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POMT1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human POMT1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	POMT1
Alternative Name:	Pomt1 (POMT1 Products)

Target Details

Background:	<p>Synonyms: POMT1_HUMAN, Protein O-mannosyl-transferase 1, Dolichyl-phosphate-mannose--protein mannosyltransferase 1.</p> <p>Background: POMT1 (Protein O mannosyl transferase 1) is a multipass membrane protein that is found in the endoplasmic reticulum. POMT1 catalyses the transfer of mannosyl residues to the hydroxyl groups of serine or threonine residues. Enzymatic activity is dependent on co expression of POMT1 with POMT2. Defects in the POMT1 gene are associated with Walker-Warburg syndrome (WWS), a congenital muscular dystrophy that is associated with mental retardation and is usually lethal within the first few months of life. Other defects in the POMT1 gene result in limb girdle muscular dystrophy type 2K (LGMD2K), which is associated with mild mental retardation. Studies in Drosophila suggest that mutation of POMT1 alters the efficacy of synaptic transmission and a change in subunit composition of post synaptic glutamate receptors at the neuromuscular junction. Missense mutations in POMT1 have been associated with glioneuronal and glial brain tumours.</p>
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Gene ID:	10585
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Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months