



LARGE Mouse mAb

Catalog No	YP-mAb-18860
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	LARGE KIAA0609 LARGE1
Immunogen	Synthesized peptide derived from human LARGE
Specificity	This antibody detects endogenous levels of LARGE at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	LARGE KIAA0609 LARGE1;Glycosyltransferase-like protein LARGE1 (Acetylglucosaminyltransferase-like 1A)
Observed Band	
Calculated Molecular Weight	83kD
Cell Pathway	Golgi apparatus membrane ; Single-pass type II membrane protein .
Tissue Specificity	Ubiquitous. Highest expression in heart, brain and skeletal muscle.
Function	Bifunctional glycosyltransferase with both alpha-1,3-xylosyltransferase and beta-1,3-glucuronyltransferase activities involved in the maturation of alpha-dystroglycan (DAG1) by glycosylation leading to DAG1 binding to laminin G-like domain-containing extracellular proteins with high affinity . Elongates the glucuronyl-beta-1,4-xylose-beta disaccharide primer structure initiated by B4GAT1 by adding repeating units [-3-Xylose-alpha-1,3-GlcA-beta-1-] to produce a heteropolysaccharide . Requires the phosphorylation of core M3 (O-mannosyl trisaccharide) by POMK to elongate the glucuronyl-beta-1,4-xylose-beta disaccharide primer . Plays a key role in skeletal muscle function and regeneration (By similarity).



Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images