

Datasheet for ABIN6243442
anti-LARGE antibody (AA 365-398)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µL
Target:	LARGE
Binding Specificity:	AA 365-398
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LARGE antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This LARGE antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 365-398 amino acids from the Central region of human LARGE.
Clone:	RB55257
Isotype:	Ig Fraction
Predicted Reactivity:	C, Zf, M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	LARGE
Alternative Name:	LARGE (LARGE Products)

Target Details

Background:	Bifunctional glycosyltransferase with both xylosyltransferase and beta-1,3-glucuronyltransferase activities involved in the biosynthesis of the phosphorylated O-mannosyl trisaccharide (N-acetylgalactosamine-beta-3-N-acetylglucosamine- beta-4-(phosphate-6-mannose), a carbohydrate structure present in alpha-dystroglycan (DAG1) (PubMed:< a href="http://www.uniprot.org/citations/22223806" target="_blank">22223806). Phosphorylated O- mannosyl trisaccharid is required for binding laminin G-like domain-containing extracellular proteins with high affinity and plays a key role in skeletal muscle function and regeneration. LARGE elongates the glucuronyl-beta-1,4-xylose-beta disaccharide primer structure initiated by B3GNT1/B4GAT1 by adding repeating units [-3-Xylose-alpha-1,3-GlcA-beta-1-] to produce a heteropolysaccharide (PubMed:< a href="http://www.uniprot.org/citations/25279699" target="_blank">25279699).
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Molecular Weight:	88066
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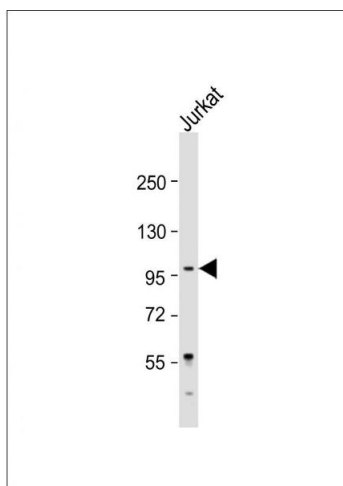
UniProt:	O95461
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Application Details

Application Notes:	WB: 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months



Western Blotting

Image 1. Anti-LARGE Antibody (Center) at 1:2000 dilution + Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 88 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.