



## PRODUCT DATA SHEET

Bioworld Technology, Inc.

### LARGE polyclonal antibody

Catalog: BS32648

Host: Rabbit

Reactivity: Human

#### BackGround:

Xylosyl- and glucuronyltransferase LARGE1: 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)

#### Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

#### Molecular Weight:

~88.1 kDa

#### Swiss-Prot:

O95461

#### Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

#### Applications:

WB (1/500 - 1/1000)

#### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

#### Specificity:

Recognizes endogenous levels of LARGE protein.

#### DATA:



#### Note:

For research use only, not for use in diagnostic procedure.

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