

## **Product datasheet for TA339428**

# **LARGE (LARGE1) Rabbit Polyclonal Antibody**

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for anti-LARGE antibody: synthetic peptide directed towards the middle

region of human LARGE. Synthetic peptide located within the following region:

AHIMELDVQEYEFIVLPNAYMIHMPHAPSFDITKFRSNKQYRICLKTLKE

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

**Purification:** Protein A purified

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 88 kDa

Gene Name: LARGE xylosyl- and glucuronyltransferase 1

Database Link: NP 004728

Entrez Gene 9215 Human

<u>095461</u>



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**Background:** This gene, which is one of the largest in the human genome, encodes a member of the N-

acetylglucosaminyltransferase gene family. It encodes a glycosyltransferase which participates in glycosylation of alpha-dystroglycan, and may carry out the synthesis of glycoprotein and glycosphingolipid sugar chains. It may also be involved in the addition of a repeated disaccharide unit. Mutations in this gene cause MDC1D, a novel form of congenital muscular dystrophy with severe mental retardation and abnormal glycosylation of alpha-dystroglycan. Alternative splicing of this gene results in two transcript variants that encode the same protein. [provided by RefSeq, Jul 2008]

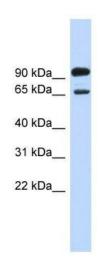
Synonyms: MDC1D; MDDGA6; MDDGB6

**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%

**Protein Families:** Druggable Genome, Transmembrane

## **Product images:**



WB Suggested Anti-LARGE Antibody Titration: 0.2-1 ug/ml; Positive Control: HepG2 cell lysate.LARGE is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells