

## 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: AHIMELDVQEYEFIVLPNAYMIHMPHAPSFDITKFRSNKQYRICLKLKE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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:	<a href="#">NP_004728</a> <a href="#">Entrez Gene 9215 Human</a> <a href="#">O95461</a>



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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