

DNAxPAb

Hard-to-Find  
Antibody

# LARGE DNAxPab

Catalog # H00009215-W01P

Size 200 ug

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| Product Description     | Rabbit polyclonal antibody raised against a full-length human LARGE DNA using DNAx™ Immune technology.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Technology              | <a href="#">DNAx™ Immune</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen               | Full-length human DNA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Sequence                | MLGICRGRRKFLAASLSLLCIPAITWYLFSGSFEDGKPVSLSPLESQAHSPTYASSQRERESLEV<br>RMREVEEENRALRRQLSLAQGRAPSHRRGNHNSKYTSMEEGTGDSNLRAGVAGNSSECGQQP<br>VVEKCEITHVAVCAGYNASRDVVTLVKSVLFHRRNPLHFHFIADISAEQILATLFQTMVPAVRVD<br>FYNADCLKSEVSWIPNKHYSYGLMKLVLTKTLPANLERVIVLDTITFATDIAELWAVFHKFKGQQ<br>VLGLVENQSDWYLGNLWKNHRPWPALGRGYNTGVILLLLDKLRKMKWEQMWRLTAERELMGML<br>STSLADQDIFNAVIKQNPFLVYQLPCFWNVQLSDHTRSEQCYRDVSDLVKVIHWNSPKKLRVKNKH<br>VEFFRNLYLTFLEYDGNLLRRELFGCPSEADVNSNENLQKQLSEDEDDLCYEFRRERFTVHRTHL<br>YFLHYEYEPAASTDVTLVAQLSMDRLQMLEAICKHWEGPISLALYLSDAEAQQFLRYAQGSEVL<br>MSRHNVGHYHYKEGQFYVNLNRNVAMKHISTPYMFLSDIDFLPMYGLYEYLRKSVIQLDLANTKK<br>AMVPAFETLRYLSFPKSKAELLSMLDMGTFTFRYHVWTKGHAPTNFAKWRTATTPYRVEWEA<br>DFEPYVVRRDCPEYDRRFVGFVGNKVAHIMELDVQEYEFVLPNAYMIHMPHAPSFDITKFRSN<br>KQYRICKTLKEEFQQDMSRRYGFAALKYLTAEENS |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purification            | Protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

## Gene Info — LARGE

Entrez GeneID [9215](#)

GeneBank Accession# [NM\\_004737.3](#)

Protein Accession# [NP\\_004728.1](#)

Gene Name LARGE

Gene Alias KIAA0609, MDC1D

Gene Description like-glycosyltransferase

Omim ID [603590 608840](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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]

**Other Designations** OTTHUMP00000028624|acetylglucosaminyltransferase-like 1A|acetylglucosaminyltransferase-like protein

## Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Muscular Dystrophies](#)

- [Tobacco Use Disorder](#)