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# C3orf39 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59401

## Product Information

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|---|---|
| **Application** | WB, IHC-P, IHC-F, IF, E |
| **Primary Accession** | Q8NAT1 |
| **Reactivity** | Rat, Pig, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 66615 |

## Additional Information

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| **Gene ID** | 84892 |
| **Other Names** | Protein O-linked-mannose beta-1, 4-N-acetylglucosaminyltransferase 2, POMGnT2, 2.4.1.312, Extracellular O-linked N-acetylglucosamine transferase-like, Glycosyltransferase-like domain-containing protein 2, POMGNT2, AGO61, C3orf39, EOGTL, GTDC2 |
| **Dilution** | WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:50-200,ELISA=1:5000-10000 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| **Name** | POMGNT2 |
| **Synonyms** | AGO61, C3orf39, EOGTL, GTDC2 |
| **Function** | O-linked mannose beta-1,4-N-acetylglucosaminyltransferase that transfers UDP-N-acetyl-D-glucosamine to the 4-position of the mannose to generate N-acetyl-D-glucosamine-beta-1,4-O-D- mannosylprotein. 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), which is required for binding laminin G-like domain-containing extracellular proteins with high affinity. |
| **Cellular Location** | Endoplasmic reticulum membrane; Single-pass type II membrane protein |
| **Tissue Location** | Highly expressed in the brain, muscle, heart, and kidney in both fetus and adult. In the brain, highest expression in the cortex and cerebellum. Highly |

expressed in the pancreas

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.