

C3orf39 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP59401

Product Information

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

Additional Information

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
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
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

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