

C3orf39 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12968**Specification**

C3orf39 antibody - middle region - Product Information

Application	WB
Primary Accession	Q8NAT1
Other Accession	NM_032806 , NP_116195
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66kDa KDa

C3orf39 antibody - middle region - Additional Information**Gene ID** 84892**Alias Symbol** AGO61, FLJ14566, C3orf39**Other Names**

Protein O-linked-mannose beta-1, 4-N-acetylglucosaminyltransferase 2, POMGnT2, 2.4.1.-, Extracellular O-linked N-acetylglucosamine transferase-like, Glycosyltransferase-like domain-containing protein 2, POMGNT2, AGO61, C3orf39, EOGTL, GTDC2

Format

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

Reconstitution & Storage

Add 100 ul of distilled water. Final anti-C3orf39 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

C3orf39 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

C3orf39 antibody - middle region - Protein Information**Name** POMGNT2**Synonyms** AGO61, C3orf39, EOGTL, GTDC2**Function**

O-linked mannanose beta-1,4-N-acetylglucosaminyltransferase that transfers UDP-N-acetyl-D-glucosamine to the 4-position of the mannanose 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

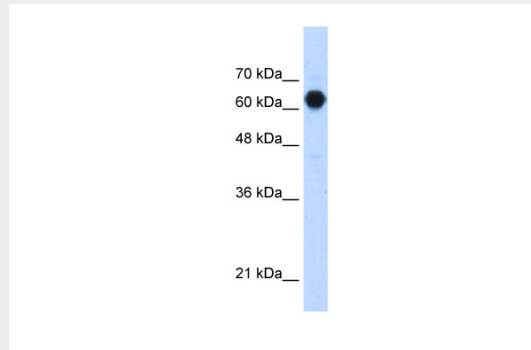
Tissue Location

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

C3orf39 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

C3orf39 antibody - middle region - Images

WB Suggested Anti-C3orf39 Antibody Titration: 1.25µg/ml

Positive Control: HepG2 cell lysate

C3orf39 antibody - middle region - References

- Ota T., et al. Nat. Genet. 36:40-45(2004).
Muzny D.M., et al. Nature 440:1194-1198(2006).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Yoshida-Moriguchi T., et al. Science 341:896-899(2013).
Manzini M.C., et al. Am. J. Hum. Genet. 91:541-547(2012).