

Pomgnt1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12944**Specification**

Pomgnt1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O91X88
Other Accession	NM_026651 , NP_080927
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	75kDa KDa

Pomgnt1 antibody - N-terminal region - Additional Information**Gene ID** 68273**Alias Symbol** 0610016I07Rik, 4930467B06Rik, RP23-319H15.3**Other Names**

Protein O-linked-mannose beta-1, 2-N-acetylglucosaminyltransferase 1, POMGnT1, 2.4.1.-, Pomgnt1

Format

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

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Pomgnt1 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

Pomgnt1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Pomgnt1 antibody - N-terminal region - Protein Information**Name** Pomgnt1**Function**

Participates in O-mannosyl glycosylation by catalyzing the addition of N-acetylglucosamine to O-linked mannose on glycoproteins. Catalyzes the synthesis of the GlcNAc(beta1-2)Man(alpha1-)O-Ser/Thr moiety on alpha-dystroglycan and other O-mannosylated proteins, providing the necessary basis for the addition of further carbohydrate moieties. Is specific for alpha linked terminal mannose.

Cellular Location

Golgi apparatus membrane {ECO:0000250|UniProtKB:Q8WZA1}; Single-pass type II membrane protein {ECO:0000250|UniProtKB:Q8WZA1}

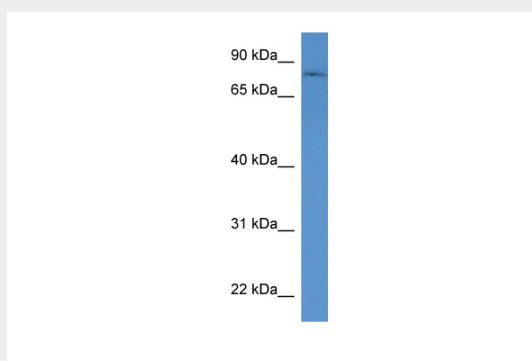
Tissue Location

Expressed at basal body and daughter centriole of photoreceptor cells (at protein level).

Pomgnt1 antibody - N-terminal 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](#)

Pomgnt1 antibody - N-terminal region - Images

WB Suggested Anti-Pomgnt1 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Brain