

Pomgnt1 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12944

Product Information

Application	WB
Primary Accession	Q91X88
Other Accession	NM_026651 , NP_080927
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	75110

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.

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).

Images



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

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