

## Product datasheet for **TA308113**

### **POMGNT1 Rabbit Polyclonal Antibody**

#### **Product data:**

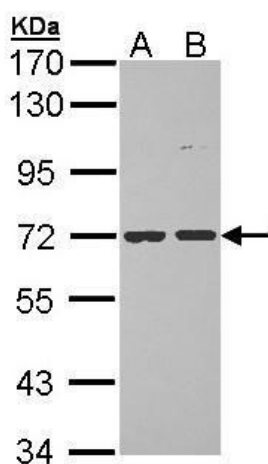
<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IF, IHC, WB
<b>Recommended Dilution:</b>	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
<b>Reactivity:</b>	Human (Predicted: Mouse, Rat, Xenopus, Bovine, X. tropicalis)
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Recombinant fragment corresponding to a region within amino acids 98 and 373 of POMGNT1 (Uniprot ID#Q8WZA1)
<b>Formulation:</b>	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Purified by antigen-affinity chromatography.
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	75 kDa
<b>Gene Name:</b>	protein O-linked mannose N-acetylglucosaminyltransferase 1 (beta 1,2-)
<b>Database Link:</b>	<a href="#">NP_060209</a> <a href="#">Entrez Gene 68273 MouseEntrez Gene 362567 RatEntrez Gene 55624 Human Q8WZA1</a>
<b>Background:</b>	The protein encoded by this gene is a type II transmembrane protein that resides in the golgi. It participates in O-mannosyl glycosylation, and is specific for alpha linked terminal mannose. Mutations in this gene are associated with muscle-eye-brain (MEB) disease. Alternatively spliced transcript variants have been found for this gene.
<b>Synonyms:</b>	gnT-I.2; GNTI.2; GnT I.2; LGMD2O; MEB; MGAT1.2; RP76
<b>Note:</b>	Seq homology of immunogen across species: Mouse (99%), Rat (99%), Xenopus laevis (84%), Bovine (99%), Xenopus tropicalis (83%)



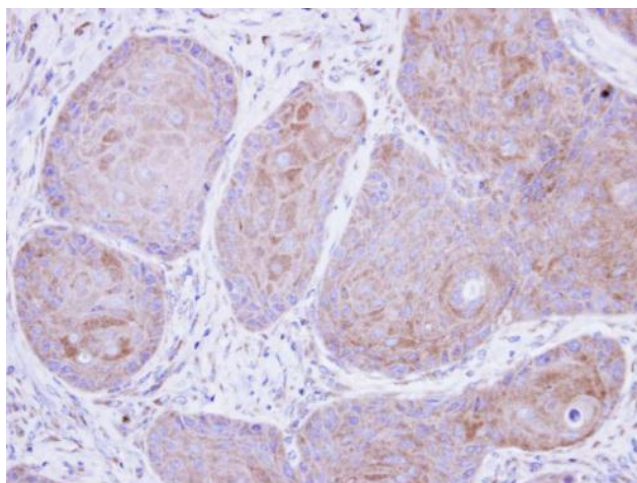
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Protein Pathways: O-Mannosyl glycan biosynthesis

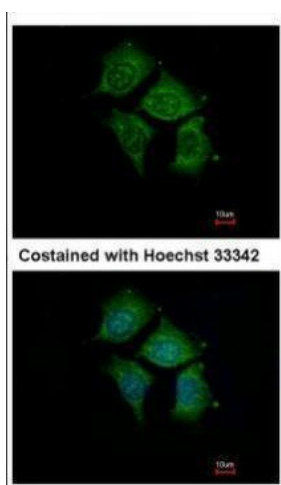
### Product images:



Sample (30 ug of whole cell lysate). A: HeLa. B: Hep G2. 7.5% SDS PAGE. TA308113 diluted at 1:1000.



Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using POMGNT1 (TA308113) antibody at 1:500 dilution.



Immunofluorescence analysis of methanol-fixed Hep3B, using POMGNT1 (TA308113) antibody at 1:500 dilution.