

## Product datasheet for **TA800401BM**

### **A4GNT Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI1F7]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	OTI1F7
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human, Dog, Rat, Monkey, Mouse
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 121-340 of human A4GNT (NP_057245) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	HRP
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	39.3 kDa
Gene Name:	alpha-1,4-N-acetylglucosaminyltransferase
Database Link:	<a href="#">NP_057245</a> <a href="#">Entrez Gene 333424 Mouse</a> <a href="#">Entrez Gene 685758 Rat</a> <a href="#">Entrez Gene 485683 Dog</a> <a href="#">Entrez Gene 716512 Monkey</a> <a href="#">Entrez Gene 51146 Human</a> <a href="#">Q9UNA3</a>
Background:	This gene encodes a protein from the glycosyltransferase 32 family. The enzyme catalyzes the transfer of N-acetylglucosamine (GlcNAc) to core 2 branched O-glycans. It forms a unique glycan, GlcNAc $\alpha$ 1 $\rightarrow$ 4Gal $\beta$ $\rightarrow$ R and is largely associated with the Golgi apparatus membrane. [provided by RefSeq, Jul 2008]

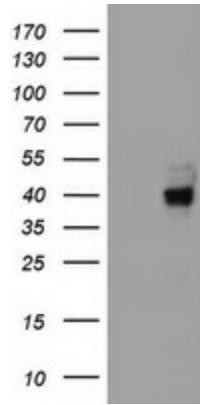


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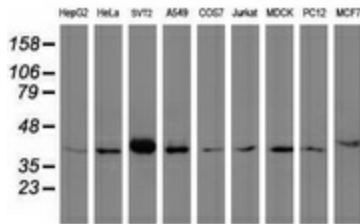
Synonyms: alpha4GnT

Protein Families: Transmembrane

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY A4GNT ([RC221256], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-A4GNT. Positive lysates [LY414153] (100ug) and [LC414153] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-A4GNT monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).