

Product datasheet for **TA373893**

B3GNT3 Rabbit Polyclonal Antibody

Product data:

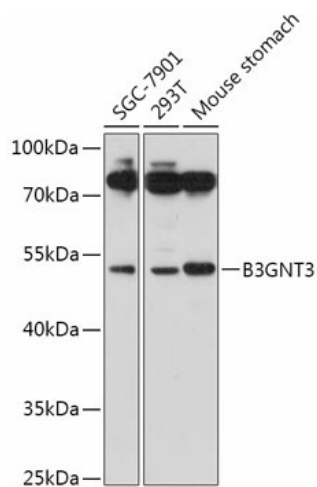
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 120-240 of human B3GNT3 (NP_055071.2).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	42kDa
Gene Name:	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3
Database Link:	Entrez Gene 10331 Human Q9Y2A9
Background:	This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This enzyme is a type II transmembrane protein and contains a signal anchor that is not cleaved. It prefers the substrates of lacto-N-tetraose and lacto-N-neotetraose, and is involved in the biosynthesis of poly-N-acetyllactosamine chains and the biosynthesis of the backbone structure of dimeric sialyl Lewis a. It plays dominant roles in L-selectin ligand biosynthesis, lymphocyte homing and lymphocyte trafficking. [provided by RefSeq, Jul 2008]



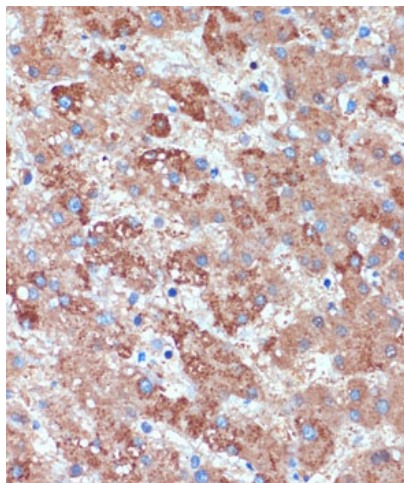
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Synonyms: B3GAL-T8; B3GALT8; B3GN-T3; B3GNT-3; Beta-3-Gx-T8; Beta3Gal-T8; Beta3Gn-T3; BGnT-3; Core1-beta3GlcNAcT; HP10328; TMEM3

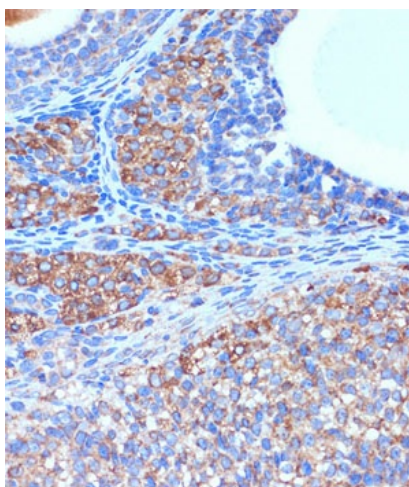
Product images:



Western blot analysis of extracts of various cell lines, using B3GNT3 antibody (TA373893) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 180s.



Immunohistochemistry of paraffin-embedded Human liver using B3GNT3 Rabbit pAb (TA373893) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded Rat ovary using B3GNT3 Rabbit pAb (TA373893) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.