

Product datasheet for **TA373894**

B3GNT4 Rabbit Polyclonal Antibody

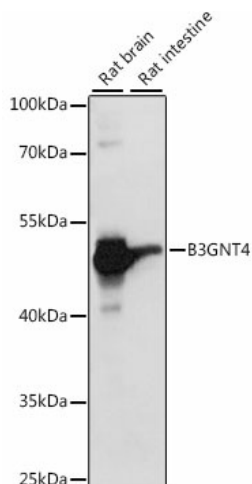
Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB,1:500 - 1:2000 IF,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 165-305 of human B3GNT4 (NP_110392.1).
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:	39kDa/42kDa
Gene Name:	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 4
Database Link:	Entrez Gene 79369 Human Q9C0J1
Background:	This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase protein family. The encoded enzyme is involved in the biosynthesis of poly-N-acetylglucosamine chains and prefers lacto-N-neotetraose as a substrate. It is a type II transmembrane protein.
Synonyms:	B3GN-T4; Beta-1,3-N-acetylglucosaminyltransferase-4; Beta3Gn-T4; BGnT-4

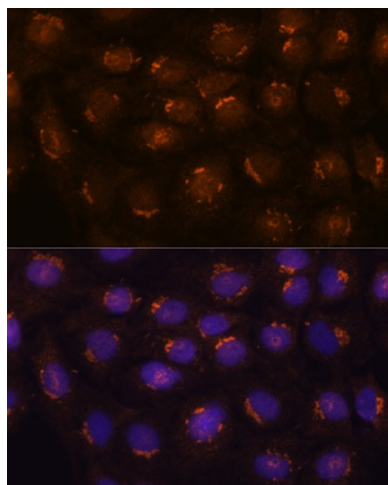


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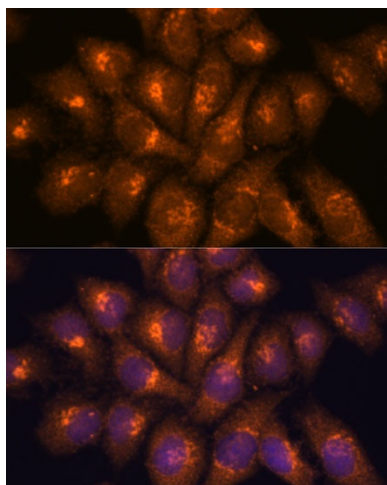
Product images:



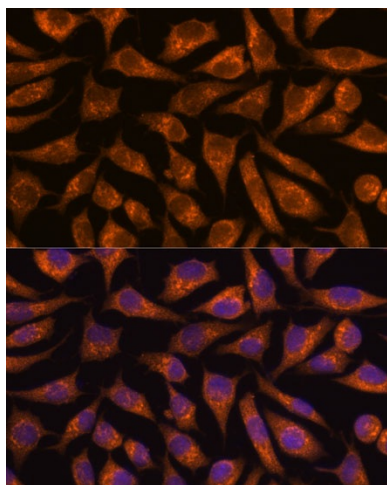
Western blot analysis of extracts of various cell lines, using B3GNT4 antibody (TA373894) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 5s.



Immunofluorescence analysis of C6 cells using B3GNT4 antibody (TA373894) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using B3GNT4 antibody (TA373894) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using B3GNT4 antibody (TA373894) at dilution of 1:100. Blue: DAPI for nuclear staining.