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Datasheet for ABIN7265875
anti-B3GNT4 antibody (AA 165-305)

4 Images

Overview

Quantity:	100 µL
Target:	B3GNT4
Binding Specificity:	AA 165-305
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This B3GNT4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	B3GNT4 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 165-305 of human B3GNT4 (NP_110392.1).
Sequence:	APPAQLLAYE SREFDDILQW DFTEDFFNLT LKELHLQRWV VAACPQAHFM LKGDDDVVH VPNVLEFLDG WDPAQDLLVG DVIRQALPNR NTKVKYFIPP SMYRATHYPP YAGGGGYVMS RATVRRRLQAI MEDAELFPID D
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

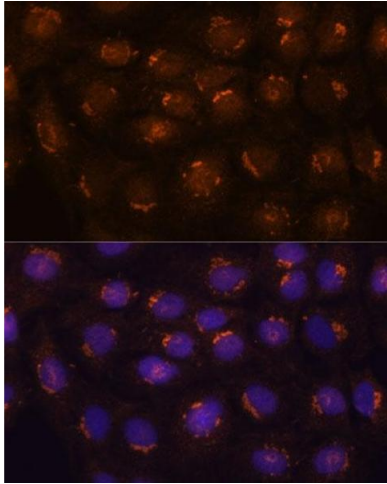
Target:	B3GNT4
Alternative Name:	B3GNT4 (B3GNT4 Products)
Background:	This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase protein family. The encoded enzyme is involved in the biosynthesis of poly-N-acetyllactosamine chains and prefers lacto-N-neotetraose as a substrate. It is a type II transmembrane protein.,B3GNT4,B3GN-T4,B3GNT4
Molecular Weight:	39kDa/42kDa
Gene ID:	79369
UniProt:	Q9C0J1

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

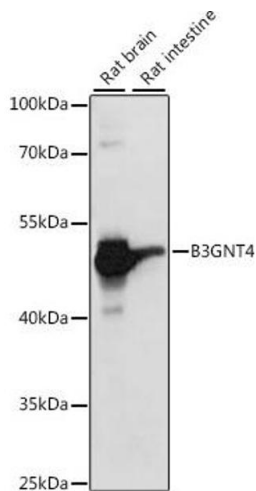
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



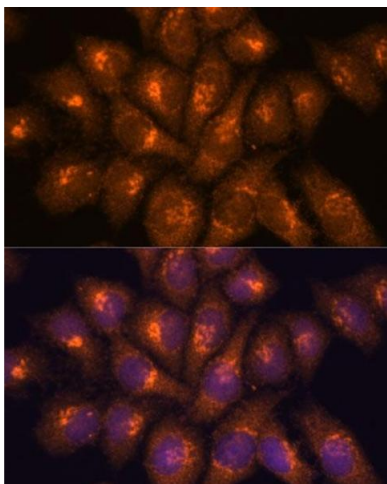
Immunofluorescence

Image 1. Immunofluorescence analysis of C6 cells using B3GNT4 antibody (ABIN7265875) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using B3GNT4 antibody (ABIN7265875) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.



Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cells using B3GNT4 antibody (ABIN7265875) at dilution of 1:100. Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7265875.