

Rabbit anti-Human B3GALT4 Polyclonal Antibody | anti-B3GALT4 antibody

B3GALT4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324508	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

B3GALT4; Polyclonal Antibody; B3GALT4 Antibody; 3-galactosyltransferase 4; 3-galactosyltransferase; 3-GalTase 4; b3Gal-T4; B3GT4_HUMAN; Beta 1; 3 galactosyltransferase 4; 3 GalTase 4; Beta 3 galactosyltransferase 4; Beta-1; Beta3Gal-T4; Beta3GalT4; Gal T2; GAL-T2; GALT2; GalT4; Ganglioside galactosyltransferase; OTTHUMP00000029128; UDP Gal:betaGlcNAc beta 1; 3 galactosyltransferase; polypeptide 4; UDP galactose:beta N acetyl galactosamine beta 1; UDP-galactose:beta-N-acetyl-galactosamine-beta-1; anti-B3GALT4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	B3GALT4 antibody detects endogenous levels of total B3GALT4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	378
Applicable Applications for anti-B3GALT4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Golgi Apparatus Membrane.
Tissue Specificity	Highly expressed in heart, skeletal muscle and pancreas and, to a lesser extent, in brain, placenta, kidney, liver and lung.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Pig (83%), Bovine (83%), Horse (92%), Sheep (83%), Rabbit (92%), Dog (92%), Xenopus (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from Jurkat cells, using B3GALT4 antibody.



IF (Immunofluorescence)
AAA324508 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-B3GALT4 antibody	Function: Involved in GM1/GD1B/GA1 ganglioside biosynthesis. Similarity: Belongs to the glycosyltransferase 31 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502341
NCBI GeneID	8705
NCBI Accession #	NP_003773.1
NCBI GenBank Nucleotide #	NM_003782.3
UniProt Accession #	O96024
Molecular Weight	Observed: 42 kD Predicted: 42 kDa
NCBI Official Full Name	beta-1,3-galactosyltransferase 4
NCBI Official Synonym Full Names	beta-1,3-galactosyltransferase 4
NCBI Official Symbol	B3GALT4
NCBI Official Synonym Symbols	GALT2; GALT4; BETA3GALT4
NCBI Protein Information	beta-1,3-galactosyltransferase 4
UniProt Protein Name	Beta-1,3-galactosyltransferase 4
UniProt Gene Name	B3GALT4
UniProt Synonym Gene Names	GALT4; Beta-1,3-GalTase 4; Beta3Gal-T4; Beta3GalT4; GalT4; b3Gal-T4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.