Rabbit B4GALT3 Polyclonal Antibody | anti-B4GALT3 antibody

B4GALT3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324514	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

B4GALT3; Polyclonal Antibody; B4GALT3 Antibody; 4-galactosyltransferase 3; 4-galactosyltransferase; 4-GalTase 3; b4Gal T3; b4Gal-T3; B4GT3_HUMAN; Beta 1; 4 galactosyltransferase 3; 4 GalTase 3; Beta-1; Beta-N-acetylglucosaminyl-glycolipid beta-1; Beta4Gal T3; Beta4Gal-T3; Nal synthase; UDP Gal:beta GlcNAc beta-1; UDP-Gal:beta-GlcNAc beta-1; UDP-galactose:beta-N-acetylglucosamine beta-1; anti-B4GALT3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	B4GALT3 antibody detects endogenous levels of total B4GALT3
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	393
Applicable Applications for anti-B4GALT3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Golgi Apparatus > Golgi Stack Membrane. Trans cisternae of Golgi stack.
Tissue Specificity	Found in various tissues. Highest expression in placenta, prostate, testis, ovary, intestine and muscle, and in fetal brain.
Predicted Cross Reactivity	**Pig, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus**
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Xenopus (88%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA324514 staining Hela cells 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) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohiostchemistry)
AAA324514 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells using B4GALT3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-B4GALT3 antibody	Function: Responsible for the synthesis of complex-type N-linked oligosaccharides in many glycoproteins as well as the carbohydrate moieties of glycolipids. Similarity: Belongs to the glycosyltransferase 7 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	315467841
NCBI GeneID	8703
NCBI Accession #	NP_001186802.1
NCBI GenBank Nucleotide #	NM_001199873.1
UniProt Accession #	O60512; O60910; Q9BPZ4; Q9H8T2; D3DVG3
Molecular Weight	Observed: 49 kD Predicted: 44 kDa
NCBI Official Full Name	beta-1,4-galactosyltransferase 3
NCBI Official Synonym Full Names	beta-1,4-galactosyltransferase 3
NCBI Official Symbol	B4GALT3
NCBI Official Synonym Symbols	beta4Gal-T3
NCBI Protein Information	beta-1,4-galactosyltransferase 3
UniProt Protein Name	Beta-1,4-galactosyltransferase 3
UniProt Gene Name	**B4GALT3**
UniProt Synonym Gene Names	Beta-1,4-GalTase 3; Beta4Gal-T3; b4Gal-T3

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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/b4galt3-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324514