

Rabbit anti-Human, Mouse B4GALT5 Polyclonal Antibody | anti-B4GALT5 antibody

B4GALT5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324515	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

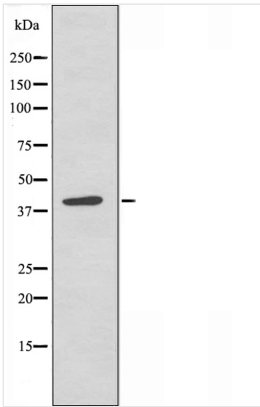
PRODUCT SYNONYMS

B4GALT5; Polyclonal Antibody; B4GALT5 Antibody; 4-galactosyltransferase 5; 4-GalT II; 4-GalTase 5; B4Gal T5; b4Gal-T5; B4galt5; B4GT5_HUMAN; Beta 1 4 galactosyltransferase 5; Beta 1 4 galactosyltransferase V; Beta 1 4 GalT II; Beta 1 4 GalT IV; Beta 1 4 GalTase 5; Beta-1; Beta4 GALT IV; Beta4Gal T5; Beta4Gal-T5; Beta4GalT V; gt V; gtV; MGC138470; UDP Gal:beta GlcNAc beta 1 4 galactosyltransferase 5; UDP Gal:betaGlcNAc beta 1 4 galactosyltransferase 5; UDP Gal:betaGlcNAc beta 1 4 galactosyltransferase polypeptide 5; UDP galactose:beta N acetylglucosamine beta 1 4 galactosyltransferase 5; UDP-Gal:beta-GlcNAc beta-1; UDP-galactose:beta-N-acetylglucosamine beta-1; anti-B4GALT5 antibody

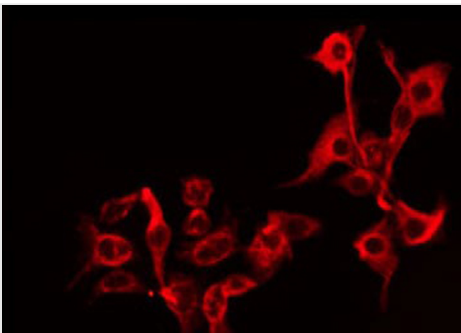
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	B4GALT5 antibody detects endogenous levels of total B4GALT5
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	388
Applicable Applications for anti-B4GALT5 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Golgi Apparatus > Golgi Stack Membrane. Trans cisternae of Golgi stack.
Tissue Specificity	Ubiquitously expressed.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Zebrafish (82%), Bovine (82%), Horse (82%), Sheep (82%), Rabbit (100%), Dog (100%), Chicken (91%)
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 HeLa cells using B4GALT5 antibody.



IF (Immunofluorescence)
AAA324515 staining HuvEc 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-B4GALT5 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4757828
NCBI GeneID	9334
NCBI Accession #	NP_004767.1
NCBI GenBank Nucleotide #	NM_004776.3
UniProt Accession #	O43286; Q2M394; Q9UJQ8; E1P625
Molecular Weight	Observed: 40 kD Predicted: 46 kDa
NCBI Official Full Name	beta-1,4-galactosyltransferase 5
NCBI Official Synonym Full Names	beta-1,4-galactosyltransferase 5
NCBI Official Symbol	B4GALT5
NCBI Official Synonym Symbols	gt-V; B4Gal-T5; beta4Gal-T5; beta4GalT-V; BETA4-GALT-IV
NCBI Protein Information	beta-1,4-galactosyltransferase 5
UniProt Protein Name	Beta-1,4-galactosyltransferase 5
UniProt Gene Name	B4GALT5
UniProt Synonym Gene Names	Beta-1,4-GalTase 5; Beta4Gal-T5; b4Gal-T5

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.