

Rabbit anti-Human, Mouse B3GALTL Polyclonal Antibody | anti-B3GALTL antibody

B3GALTL Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324509	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

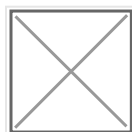
PRODUCT SYNONYMS

B3GALTL; Polyclonal Antibody; B3GALTL Antibody; B3GlcT; B3GTL; Beta 1; 3 galactosyltransferase like; Beta 3 galactosyltransferase like; Beta-1; 3-glucosyltransferase; Beta-3-glycosyltransferase-like; Beta3Glc-T; Beta3GlcT; Galactosyltransferase; GalT; anti-B3GALTL antibody

PRODUCT SPECIFICATIONS

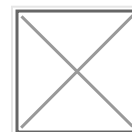
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	B3GALTL antibody detects endogenous levels of total B3GALTL
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	498
Applicable Applications for anti-B3GALTL antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Endoplasmic Reticulum
Tissue Specificity	Widely expressed, with highest levels in testis and uterus.
Predicted Cross Reactivity	Dog
Similarity	Dog (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324509 staining HuvEc 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.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells using B3GALTL antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA324509 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.

ADDITIONAL INFORMATION

Related Product Information for anti-B3GALT1 antibody	Function: O-glucosyltransferase that transfers glucose toward fucose with a beta-1, 3 linkage. Specifically glucosylates O-linked fucosylglycan on TSP type-1 domains of proteins, thereby contributing to elongation of O-fucosylglycan. Similarity: Belongs to the glycosyltransferase 31 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	154689817
NCBI GeneID	145173
NCBI Accession #	NP_919299.3
NCBI GenBank Nucleotide #	NM_194318.3
UniProt Accession #	Q6Y288; Q5W0H2; Q6NUI3; A8K5F8
Molecular Weight	Observed: 57 kD Predicted: 57 kDa
NCBI Official Full Name	beta-1,3-glucosyltransferase
NCBI Official Synonym Full Names	beta 3-glucosyltransferase
NCBI Official Symbol	B3GLCT
NCBI Official Synonym Symbols	B3GTL; Gal-T; B3GALT1; B3Glc-T; beta3Glc-T
NCBI Protein Information	beta-1,3-glucosyltransferase
UniProt Protein Name	Beta-1,3-glucosyltransferase
UniProt Gene Name	B3GLCT
UniProt Synonym Gene Names	B3GALT1; B3GTL; Beta3Glc-T

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/b3galt1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324509>