

Rabbit anti-Human B4GAT1 Polyclonal Antibody | anti-B4GAT1 antibody

B4GAT1 Antibody

CATALOG # AAA118533	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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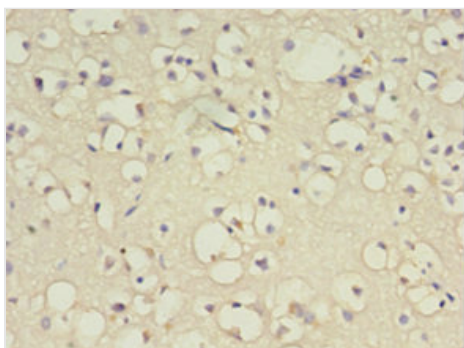
PRODUCT SYNONYMS

B4GAT1; Polyclonal Antibody; B4GAT1 Antibody; Beta-1; 4-glucuronyltransferase 1; I-beta-1; 3-N-acetylglucosaminyltransferase; N-acetyllactosaminide beta-1; Poly-N-acetyllactosamine extension enzyme; UDP-GlcNAc:betaGal beta-1; 3-N-acetylglucosaminyltransferase 1; B3GNT1; anti-B4GAT1 antibody

PRODUCT SPECIFICATIONS

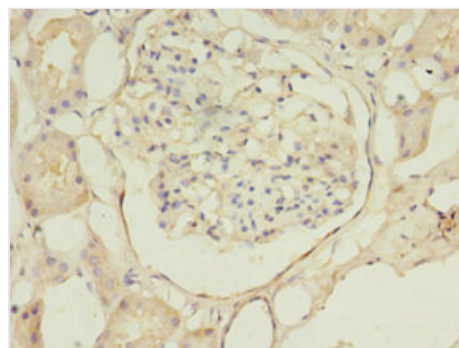
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	415
Applicable Applications for anti-B4GAT1 antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Beta-1,4-glucuronyltransferase 1 protein
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain using AAA118533 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA118533 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-B4GAT1 antibody	Beta-1,4-glucuronyltransferase involved in O-mannosylation of alpha-dystroglycan (DAG1). Transfers a glucuronic acid (GlcA) residue onto a xylose (Xyl) acceptor to produce the glucuronyl-beta-1,4-xylose-beta disaccharide primer, which is further elongated by LARGE, during synthesis of phosphorylated O-mannosyl glycan (PubMed:25279699, PubMed:25279697). Phosphorylated O-mannosyl glycan is a carbohydrate is a carbohydrate structure present in alpha-dystroglycan (DAG1), which is required for binding laminin G-like domain-containing extracellular proteins with high affinity (PubMed:25279699, PubMed:25279697). Required for axon guidance; via its function in O-mannosylation of alpha-dystroglycan (DAG1).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5802984
NCBI GeneID	11041
NCBI Accession #	NP_006867.1
NCBI GenBank Nucleotide #	NM_006876.2
UniProt Accession #	O43505; Q4TTN0
Molecular Weight	47,119 Da
NCBI Official Full Name	beta-1,4-glucuronyltransferase 1
NCBI Official Synonym Full Names	beta-1,4-glucuronyltransferase 1
NCBI Official Symbol	B4GAT1
NCBI Official Synonym Symbols	iGAT; iGNT; B3GNT1; B3GNT6; B3GN-T1; MDDGA13; BETA3GNTI
NCBI Protein Information	beta-1,4-glucuronyltransferase 1
UniProt Protein Name	Beta-1,4-glucuronyltransferase 1
UniProt Gene Name	B4GAT1
UniProt Synonym Gene Names	iGnT
UniProt Entry Name	B4GA1_HUMAN

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://www.aaabiotech.com/polyclonal/b4gat1-antibody-immunohistochemistry-elisa/118533>