

Rabbit anti-Human Beta-1,4-galactosyltransferase 3 Polyclonal Antibody | anti-B4GALT3 antibody

Rabbit anti-human Beta-1,4-galactosyltransferase 3 polyclonal Antibody

CATALOG # AAA230314	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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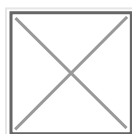
PRODUCT SYNONYMS

Beta-1; 4-galactosyltransferase 3; Polyclonal Antibody; Rabbit anti-human Beta-1; 4-galactosyltransferase 3 polyclonal Antibody; UDP-Gal:beta-GlcNAc beta-1; 4-galactosyltransferase 3 UDP-galactose:beta-N-acetylglucosamine beta-1; anti-B4GALT3 antibody

PRODUCT SPECIFICATIONS

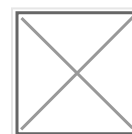
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	393
Applicable Applications for anti-B4GALT3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Beta-1,4-galactosyltransferase 3 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-22285 / sc-22283
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



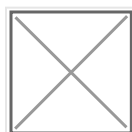
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver tissue using AAA230314 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA230314 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: Beta-1,4-galactosyltransferase 3 antibody at 2ug/mL Lane 1: EC109 whole cell lysate Lane 2: 293T whole cell lysate Secondary Goat polyclonal to Rabbit IgG at 1/15000 dilution Predicted band size: 44,16 kDa Observed band size: 43 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-B4GALT3 antibody	This gene is one of seven beta-1,4-galactosyltransferase (beta4GalT) genes. They encode type II membrane-bound glycoproteins that appear to have exclusive specificity for the donor substrate UDP-galactose; all transfer galactose in a beta1,4 linkage to similar acceptor sugars: GlcNAc, Glc, and Xyl. Each beta4GalT has a distinct function in the biosynthesis of different glycoconjugates and saccharide structures. As type II membrane proteins, they have an N-terminal hydrophobic signal sequence that directs the protein to the Golgi apparatus and which then remains uncleaved to function as a transmembrane anchor. By sequence similarity, the beta4GalTs form four groups: beta4GalT1 and beta4GalT2, beta4GalT3 and beta4GalT4, beta4GalT5 and beta4GalT6, and beta4GalT7. This gene encodes an enzyme that may be mainly involved in the synthesis of the first N-acetyllactosamine unit of poly-N-acetyllactosamine chains.
Product Categories/Family for anti-B4GALT3 antibody	Metabolism

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	15,654 Da
NCBI Official Full Name	beta-1,4-galactosyltransferase 3
NCBI Official Synonym Full Names	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 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
UniProt Entry Name	B4GT3_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://stage.aaabiotech.com/polyclonal/beta-1-4-galactosyltransferase-3-antibody-immunohistochemistry-western-blot-elisa/230314>