

Rabbit anti-Human, Mouse beta-1, 4-Gal-T5 Polyclonal Antibody | anti-B4GALT5 antibody

beta-1, 4-Gal-T5 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA296056	Rabbit	Human, Mouse	Western Blot

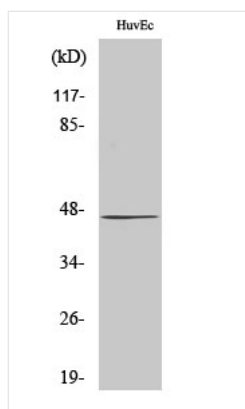
PRODUCT SYNONYMS

beta-1, 4-Gal-T5; Polyclonal Antibody; 4-Gal-T5 Polyclonal Antibody; B4GALT5; Beta-1; 4-galactosyltransferase 5; 4-GalTase 5; Beta4Gal-T5; b4Gal-T5; 4-GalT II; UDP-Gal: beta-GlcNAc beta-1; UDP-galactose: beta-N-acetylglucosamine beta-1; anti-B4GALT5 antibody

PRODUCT SPECIFICATIONS

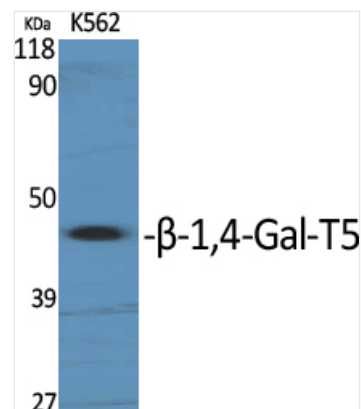
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Applicable Applications for anti-B4GALT5 antibody	WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.



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ADDITIONAL INFORMATION

Related Product Information for anti-B4GALT5 antibody

Catalyzes the synthesis of lactosylceramide (LacCer) via the transfer of galactose from UDP-galactose to glucosylceramide (GlcCer) (PubMed:24498430). LacCer is the starting point in the biosynthesis of all gangliosides (membrane-bound glycosphingolipids) which play pivotal roles in the CNS including neuronal maturation and axonal and myelin formation (By similarity). Plays a role in the glycosylation of BMPR1A and regulation of its protein stability (By similarity). Essential for extraembryonic development during early embryogenesis (By similarity).

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	45,119 Da
NCBI Official Full Name	beta-1,4-galactosyltransferase 5
NCBI Official Synonym Full Names	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 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; beta4-GalT IV; beta-1,4-GalT II; beta-1,4-GalT IV; beta-1,4-GalTase 5; beta-1.4-galactosyltransferase V; UDP-Gal:beta-GlcNAc beta-1,4-galactosyltransferase 5; UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide
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
UniProt Entry Name	B4GT5_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-gal-t5-antibody-western-blot-elisa/296056>