

Product Name: B4GALT5 Rabbit Polyclonal Antibody
Catalog #: APRab00548



Summary

Production Name	B4GALT5 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	B4GALT5
Alternative Names	B4GALT5; Beta-1; 4-galactosyltransferase 5; Beta-1; 4-GalTase 5; Beta4Gal-T5; b4Gal-T5; Beta-1; 4-GalT II; UDP-Gal:beta-GlcNAc beta-1; 4-galactosyltransferase 5; UDP-galactose:beta-N-acetylglucosamine beta-1; 4-galactosyltransferase 5
Gene ID	9334
SwissProt ID	O43286.

Application

Dilution Ratio	WB: 1:500-1:1000 ELISA: 1:10000
Molecular Weight	Calculated MW: 45 kDa; Observed MW: 40 kDa

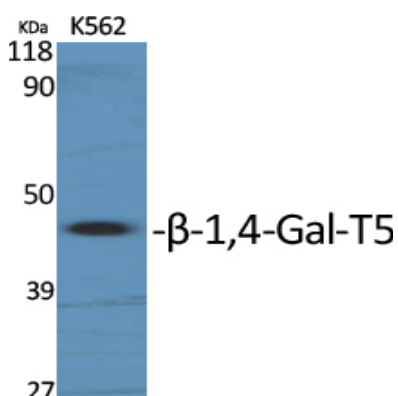
Background

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. The function of the enzyme encoded by this gene is not clear. This gene was previously designated as B4GALT4 but was renamed to B4GALT5. In the literature it is also referred to as beta4GalT2.

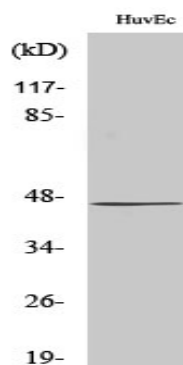
Research Area

Tags & Cell Markers

Image Data



Western blot analysis of B4GALT5 in various lysates using B4GALT5 antibody.



Western blot analysis of B4GALT5 in 293 lysates using β 1, 4GalT5 antibody.

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Note

For research use only.