

## Summary

<b>Production Name</b>	B4GALT5 Rabbit Polyclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Mouse

## Performance

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

## Immunogen

<b>Gene Name</b>	B4GALT5
<b>Alternative Names</b>	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
<b>Gene ID</b>	9334
<b>SwissProt ID</b>	O43286

## Application

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

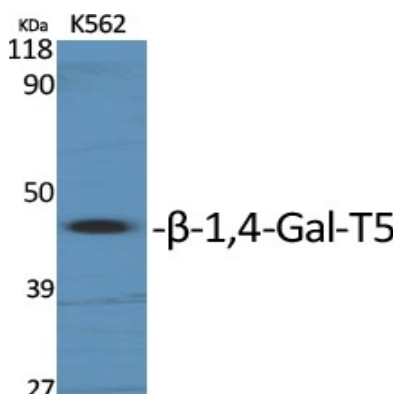
## Background

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.

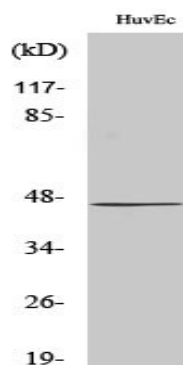
## Research Area

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 β1, 4GalT5 antibody.

**Product Name: B4GALT5 Rabbit Polyclonal Antibody**  
**Catalog #: APRab00548**



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**Note**

For research use only.