

## β-1,4-Gal-T2 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A23893	Rabbit	1 mg/ml	41972
<b>Applications</b>	IHC,ELISA		
<b>Reactivity</b>	Human,Mouse		
<b>Dilution</b>	IHC: 1:100 - 1:300. ELISA: 1:20000. Not yet tested in other applications.		
<b>Storage</b>	-20°C/1 year		
<b>Specificity</b>	β-1,4-Gal-T2 Polyclonal Antibody detects endogenous levels of β-1,4-Gal-T2 protein.		
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
<b>Immunogen</b>	Synthesized peptide derived from the C-terminal region of human β-1,4-Gal-T2.		
<b>Uniprot No</b>	O60909		
<b>Alternative names</b>	B4GALT2; Beta-1; 4-galactosyltransferase 2; Beta-1,4-GalTase 2; Beta4Gal-T2; b4Gal-T2; UDP-Gal:beta-GlcNAc beta-1,4-galactosyltransferase 2; UDP-galactose:beta-N-acetylglucosamine beta-1,4-galactosyltransferase 2		
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
<b>Clonality</b>	Polyclonal		
<b>Isotype</b>	IgG		
<b>Conjugation</b>			
<b>Background</b>	beta-1,4-galactosyltransferase 2(B4GALT2) Homo sapiens 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 enzyme encoded by this gene synthesizes N-acetylglucosamine in glycolipids and glycoproteins. Its substrate specificity i		
<b>Other</b>	B4GALT2, Beta-1,4-galactosyltransferase 2; UDP-Gal:beta-GlcNAc beta-1,4-galactosyltransferase 2; UDP-galactose beta-N-acetylglucosamine beta-1,4-galactosyltransferase 2		

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**Product Images:****Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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