

β-1,3-Gal-T2 rabbit pAb antibody

| Catalog No : | Source: | Concentration : | Mol.Wt. (Da): |
|--------------|---------|-----------------|---------------|
| A23888 | Rabbit | 1 mg/ml | 49213 |

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|------------------------------|---|
| Applications | IHC,IF,ELISA |
| Reactivity | Human,Mouse |
| Dilution | IHC: 1:100 - 1:300. IF: 1:200 - 1:1000. ELISA: 1:40000. Not yet tested in other applications. |
| Storage | -20°C/1 year |
| Specificity | β-1,3-Gal-T2 Polyclonal Antibody detects endogenous levels of β-1,3-Gal-T2 protein. |
| Source / Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Immunogen | The antiserum was produced against synthesized peptide derived from human B3GALT2. AA range:373-422 |
| Uniprot No | O43825 |
| Alternative names | B3GALT2; Beta-1; 3-galactosyltransferase 2; Beta-1,3-GalTase 2; Beta3Gal-T2; Beta3GalT2; UDP-galactose:2-acetamido-2-deoxy-D-glucose 3beta-galactosyltransferase 2 |
| Form | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Clonality | Polyclonal |
| Isotype | IgG |
| Conjugation | |
| Background | beta-1,3-galactosyltransferase 2(B3GALT2) Homo sapiens This gene is a member of the beta-1,3-galactosyltransferase (beta3GalT) gene family. This family encodes type II membrane-bound glycoproteins with diverse enzymatic functions using different donor substrates (UDP-galactose and UDP-N-acetylglucosamine) and different acceptor sugars (N-acetylglucosamine, galactose, N-acetylgalactosamine). The beta3GalT genes are distantly related to the Drosophila Brainiac gene and have the protein coding sequence contained in a single exon. The beta3GalT proteins also contain conserved sequences not found in the beta4GalT or alpha3GalT proteins. The carbohydrate chains synthesized by these enzymes are designated as type 1, whereas beta4GalT enzymes synthesize type 2 carbohydrate chains. The ratio of type 1:type 2 chains changes during embryogenesis. By sequence similarity, the beta3GalT genes fall into at least two groups: beta3GalT4 and 4 other beta3 |

Other B3GALT2, Beta-1,3-galactosyltransferase 2, UDP-galactose:2-acetamido-2-deoxy-D-glucose 3beta-galactosyltransferase 2

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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