

Beta-1,4-Gal-T5 Polyclonal Antibody

Description

| | |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product type | Primary Antibody |
| Code | BT-AP09787 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | The antiserum was produced against synthesized peptide derived from human B4GALT5. AA range:321-370 |
| Mol wt | 45119 |
| Species reactivity | Human, Mouse |
| Clonality | Polyclonal |
| Recommended application | WB, ELISA |
| Concentration | 1 mg/ml |
| Full name | beta-1,4-Gal-T5 Antibody |
| Synonyms | 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 be |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

B4GALT5 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.

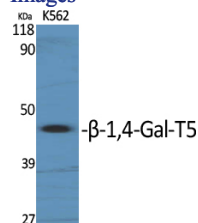
Recommended Dilution

WB: 1: 500 - 1: 2000

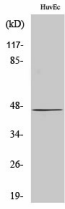
ELISA: 1: 10000

Not yet tested in other applications.

Images



Western Blot analysis of various cells using β -1,4-Gal-T5 Polyclonal Antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000



Western Blot analysis of 293 cells using β -1,4-Gal-T5 Polyclonal Antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com