

## B4GALT6 polyclonal antibody

Catalog: BS60629

Host: Rabbit

Reactivity: Human, Mouse

### BackGround:

$\beta$ -1,4-galactosyltransferases ( $\beta$ -1,4-Gal-T) are type II membrane-bound glycoproteins that are substrate-specific and function to transfer galactose in a  $\beta$ -1,4 linkage to an acceptor sugar. There are seven members of the  $\beta$ -1,4-Gal-T family, all of which are directed to the Golgi apparatus through a hydrophobic sequence at the N-terminus.  $\beta$ -1,4-Gal-T6, also known as B4GALT6, is a 382 amino acid single-pass type II membrane protein that localizes to the Golgi apparatus and belongs to the  $\beta$ -1,4-galactosyltransferase family. Expressed at high levels in adrenal gland and brain and present at lower levels in lung, liver and colon,  $\beta$ -1,4-Gal-T6 uses magnesium or zinc to catalyze the UDP-dependent biosynthesis of glycosphingolipids. The gene encoding  $\beta$ -1,4-Gal-T6 maps to human chromosome 18, which houses over 300 protein-coding genes and contains nearly 76 million bases.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 45 kDa

### Swiss-Prot:

Q9UBX8

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

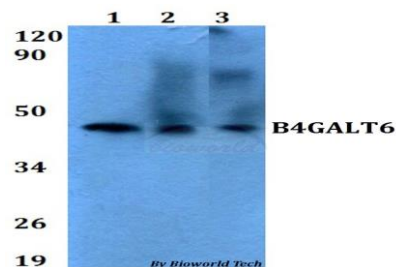
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

B4GALT6 polyclonal antibody detects endogenous levels of B4GALT6 protein.

### DATA:



Western blot (WB) analysis of B4GALT6 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:A549 whole cell lysate

Lane3:sp2/0 whole cell lysate

### Note:

For research use only, not for use in diagnostic procedure.

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