

## $\beta$ -1,4-Gal-T3 (F304) polyclonal antibody

Catalog: BS3090

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The  $\beta$ -1,3 galactosyltransferase ( $\beta$ 3GalT) gene family encodes a set of type II transmembrane glycoproteins that are catalytically diverse and use different donor substrates (UDP-galactose and UDP-N-acetylglucosamine) and different acceptor sugars (N-acetylglucosamine, galactose, N-acetylgalactosamine) to catalyze the addition of an activated monosaccharide to a terminal lactose. The protein coding sequences for  $\beta$ -1,3-Gal-T genes comprise a single exon and are distantly related to the Drosophila Brainiac gene. The  $\beta$ -1,4-galactosyltransferase ( $\beta$ 4GalT) gene family encodes type II membrane-bound glycoproteins that show exclusive specificity for the donor substrate, UDP-galactose.  $\beta$ -1,4Gal-T genes transfer galactose in a  $\beta$ -1,4 linkage to similar acceptor

### Product:

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

### Molecular Weight:

~ 49 kDa

### Swiss-Prot:

O60512

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IHC:1:50~1:200

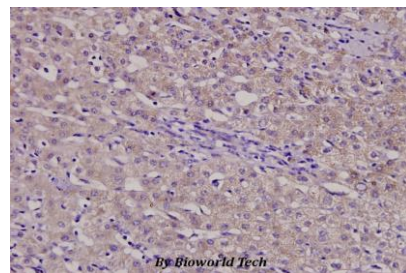
### Storage&Stability:

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

### Specificity:

$\beta$  -1,4-Gal-T3 (F304) polyclonal antibody detects endogenous levels of  $\beta$ -1,4-Gal-T3 protein.

### DATA:



Immunohistochemistry (IHC) analyzes of  $\beta$ -1,4-Gal-T3 (F304) pAb in paraffin-embedded liver cancer tissue at 1:100.

### Note:

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

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