

B4GN2 Rabbit pAb

CatalogNo: YN0501

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 62kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein

Specificity B4GN2 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name B4GALNT2 GALGT2

Protein Name Beta-1,4 N-acetylgalactosaminyltransferase 2 (Sd(a) beta-1,4-GalNAc transferase) (UDP-GalNAc:Neu5Aca2-3Galb-R b1,4-N-acetylgalactosaminyltransferase)

Organism	Gene ID	UniProt ID
Human	124872 ;	Q8NHY0 ;
Mouse		Q09199 ;

Cellular Localization Golgi apparatus membrane ; Single-pass type II membrane protein .

Tissue specificity Widely expressed. Highly expressed in colon and to a lesser extent in kidney, stomach, ileum and rectum.

Function Function:Involved in the synthesis of the Sd(a) antigen (Sia-alpha2,3-[GalNAc-beta1,4]Gal-beta1,4-GlcNAc), a carbohydrate determinant expressed on erythrocytes, the colonic mucosa and other tissues. Transfers a beta-1,4-linked GalNAc to the galactose residue of an alpha-2,3-sialylated chain.,online information:Beta-1,4 N-acetylgalactosaminyltransferase 2,online information:GlycoGene database,pathway:Protein modification; protein glycosylation.,similarity:Belongs to the glycosyltransferase 2 family.,tissue specificity:Widely expressed. Highly expressed in colon and to a lesser extent in kidney, stomach, ileum and rectum.,

Validation Data

Contact information

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B4GN2 Rabbit pAb

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