

B3GNT3 Rabbit pAb

CatalogNo: YN6186

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 41kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| 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.

| Basic Information

Clonality

Polyclonal

| Immunogen Information

Immunogen

Synthesized peptide derived from human B3GNT3

Specificity

This antibody detects endogenous levels of B3GNT3 at Human, Mouse

| Target Information

Gene name

B3GNT3 B3GALT8 TMEM3 UNQ637/PRO1266

Protein Name UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3 (BGnT-3) (Beta-1,3-Gn-T3) (Beta-1,3-N-acetylglucosaminyltransferase 3) (Beta3Gn-T3) (Beta-1,3-galactosyltransferase 8) (Beta-1,3-GalTase 8) (Beta3Gal-T8) (Beta3GalT8) (b3Gal-T8) (Beta-3-Gx-T8) (Core 1 extending beta-1,3-N-acetylglucosaminyltransferase) (Core1-beta3GlcNAcT) (UDP-Gal:beta-GlcNAc beta-1,3-galactosyltransferase 8) (UDP-galactose:beta-N-acetylglucosamine beta-1,3-galactosyltransferase 8)

Organism	Gene ID	UniProt ID
Human	10331 ;	Q9Y2A9 ;
Mouse	72297 ;	Q5JCS9 ;

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

Tissue specificity Expressed in colon, jejunum, stomach, esophagus, placenta and trachea.

Function Beta-1,3-N-acetylglucosaminyltransferase involved in the synthesis of poly-N-acetylactosamine. Has activity for type 2 oligosaccharides . Also acts as a core1-1,3-N-acetylglucosaminyltransferase (Core1-beta3GlcNAcT) to form the 6-sulfo sialyl Lewis x on extended core1 O-glycans .

Validation Data

Contact information

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B3GNT3 Rabbit pAb

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