

B4GALT3 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51008

Product Information

Application	WB, IHC-P
Primary Accession	O60512
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43928

Additional Information

Gene ID	8703
Other Names	Beta-1, 4-galactosyltransferase 3, Beta-1, 4-GalTase 3, Beta4Gal-T3, b4Gal-T3, 241-, UDP-Gal:beta-GlcNAc beta-1, 4-galactosyltransferase 3, UDP-galactose:beta-N-acetylglucosamine beta-1, 4-galactosyltransferase 3, N-acetyllactosamine synthase, Nal synthase, Beta-N-acetylglucosaminylglycopeptide beta-1, 4-galactosyltransferase, Beta-N-acetylglucosaminyl-glycolipid beta-1, 4-galactosyltransferase, 241-, B4GALT3
Dilution	WB~~1:1000 IHC-P~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	B4GALT3 (HGNC:926)
Function	Responsible for the synthesis of complex-type N-linked oligosaccharides in many glycoproteins as well as the carbohydrate moieties of glycolipids.
Cellular Location	Golgi apparatus, Golgi stack membrane; Single- pass type II membrane protein. Note=Trans cisternae of Golgi stack
Tissue Location	Found in various tissues. Highest expression in placenta, prostate, testis, ovary, intestine and muscle, and in fetal brain.

Background

Responsible for the synthesis of complex-type N-linked oligosaccharides in many glycoproteins as well as the carbohydrate moieties of glycolipids.

References

- Almeida R.,et al.J. Biol. Chem. 272:31979-31991(1997).
Lo N.-W.,et al.Glycobiology 8:517-526(1998).
Guo S.,et al.Glycobiology 11:813-820(2001).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

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