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Product datasheet for TA338206

B3GALT2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC, WB
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-B3galt2 antibody: synthetic peptide corresponding to a region of Mouse. Synthetic peptide located within the following region: RVDPVPPPNEFVFNHWRVSYSSCKYSHLITSHQFQPSELIKYWNHLQQNK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	49 kDa
Gene Name:	beta-1,3-galactosyltransferase 2
Database Link:	NP_003774 Entrez Gene 26878 Mouse O43825
Background:	B3galt2 is beta-1,3-galactosyltransferase that transfers galactose from UDP-galactose to substrates with a terminal beta-N-acetylglucosamine (beta-GlcNAc) residue. B3galt2 can also utilize substrates with a terminal galactose residue, albeit with lower efficiency. B3galt2 is involved in the biosynthesis of the carbohydrate moieties of glycolipids and glycoproteins.
Synonyms:	beta3Gal-T2; BETA3GALT2; GLCT2

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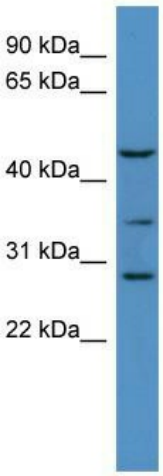
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Goat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Sheep: 93%; Zebrafish: 93%

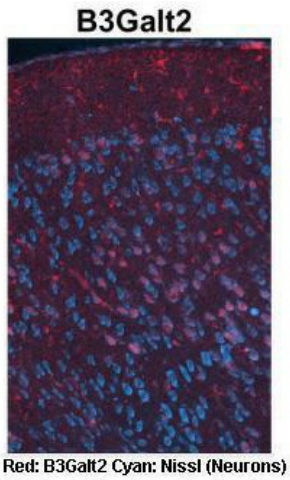
Protein Families: Transmembrane

Protein Pathways: Glycosphingolipid biosynthesis - lacto and neolacto series, Metabolic pathways

Product images:



WB Suggested Anti-B3galt2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 12500; Positive Control: Mouse Brain



Sample Type: Adult mouse cortex Primary Antibody Dilution: 1: 500; Secondary Antibody: Anti-rabbit-Cy3; Secondary Antibody: Dilution: 1: 1000; Color/Signal Descriptions: Red: B3Galt2 Cyan: Nissl (Neurons); Gene Name: B3galt2; Submitted by: Joshua R. Sanes,