

B3galt2 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12586**Specification**

B3galt2 antibody - C-terminal region - Product Information

Application	WB, IHC
Primary Accession	O54905
Other Accession	NM_020025 , NP_064409
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Sheep, Horse, Bovine, Guinea Pig, Dog
Predicted	Rat, Rabbit, Zebrafish, Chicken, Goat, Sheep, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49kDa KDa

B3galt2 antibody - C-terminal region - Additional Information**Gene ID** 26878**Other Names**

Beta-1, 3-galactosyltransferase 2, Beta-1, 3-GalTase 2, Beta3Gal-T2, Beta3GalT2, 2.4.1.-, UDP-Gal:betaGlcNAc beta 1, 3-galactosyltransferase-II, B3galt2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-B3galt2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

B3galt2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

B3galt2 antibody - C-terminal region - Protein Information**Name** B3galt2 {ECO:0000312|MGI:MGI:1349461}**Function**

Beta-1,3-galactosyltransferase that transfers galactose from UDP-galactose to substrates with a terminal beta-N-acetylglucosamine (beta-GlcNAc) residue. Can also utilize substrates with a terminal galactose residue, albeit with lower efficiency. Involved in the biosynthesis of the carbohydrate moieties of glycolipids and glycoproteins.

Cellular Location

Golgi apparatus membrane; Single- pass type II membrane protein

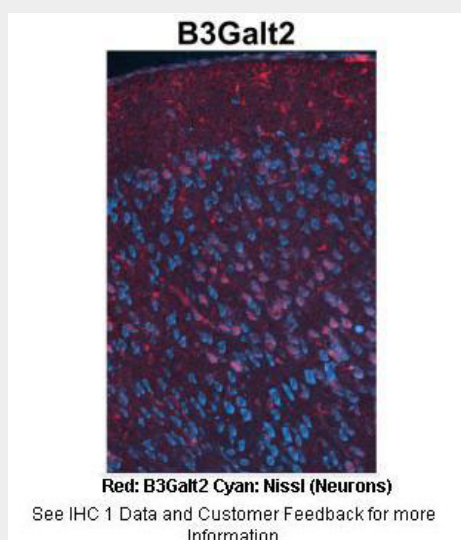
Tissue Location

Detected in brain and heart.

B3galt2 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

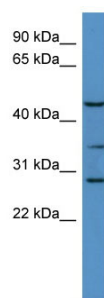
B3galt2 antibody - C-terminal region - Images

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)

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WB Suggested Anti-B3galt2 Antibody Titration: 0.2-1 μ g/ml

ELISA Titer: 1:12500

Positive Control: Mouse Brain