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B4galt6 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12690

Specification

B4galt6 antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	Q9WVK5
Other Accession	NM_019737, NP_062711
Reactivity	**Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rabbit, Zebrafish, Chicken, Horse, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**45kDa KDa**

B4galt6 antibody - C-terminal region - Additional Information

Gene ID 56386

Alias Symbol	**AA536803, AU022389**

Other Names
Beta-1, 4-galactosyltransferase 6, Beta-1, 4-GalTase 6, Beta4Gal-T6, b4Gal-T6, 2.4.1.-, UDP-Gal:beta-GlcNAc beta-1, 4-galactosyltransferase 6, UDP-galactose:beta-N-acetylglucosamine beta-1, 4-galactosyltransferase 6, Glucosylceramide beta-1, 4-galactosyltransferase, 2.4.1.274, Lactosylceramide synthase, LacCer synthase, UDP-Gal:glucosylceramide beta-1, 4-galactosyltransferase, B4galt6

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-B4galt6 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
B4galt6 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

B4galt6 antibody - C-terminal region - Protein Information

Name B4galt6 {ECO:0000312|MGI:MGI:1928380}

Function
Catalyzes the synthesis of lactosylceramide (LacCer) via the transfer of galactose from UDP-galactose to glucosylceramide (GlcCer) (PubMed:23882130, PubMed:<a

href="http://www.uniprot.org/citations/30114188" target="_blank">30114188). LacCer is the starting point in the biosynthesis of all gangliosides (membrane-bound glycosphingolipids) which play pivotal roles in the CNS including neuronal maturation and axonal and myelin formation (PubMed:30114188).

Cellular Location
Golgi apparatus, Golgi stack membrane {ECO:0000250|UniProtKB:P15291}; Single-pass type II membrane protein Note=Trans cisternae of Golgi stack. {ECO:0000250|UniProtKB:P15291}

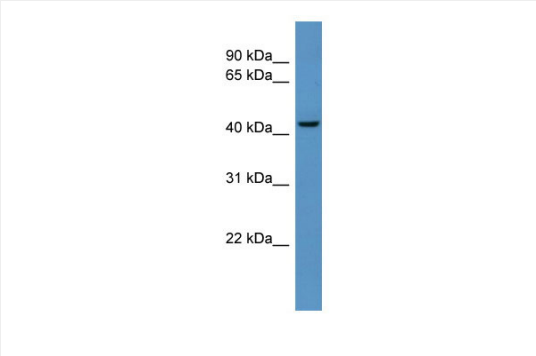
Tissue Location
Brain and kidney..

B4galt6 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 Cytomety
- Cell Culture

B4galt6 antibody - C-terminal region - Images



WB Suggested Anti-B4galt6 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: Mouse Liver