

GALNT11 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55116**Specification**

GALNT11 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q8NCW6
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68919

GALNT11 Polyclonal Antibody - Additional Information**Gene ID** 63917**Other Names**

Polypeptide N-acetylgalactosaminyltransferase 11, 2.4.1.41, Polypeptide GalNAc transferase 11, GalNAc-T11, pp-GaNTase 11, Protein-UDP acetylgalactosaminyltransferase 11, UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 11, GALNT11

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

GALNT11 Polyclonal Antibody - Protein Information**Name** GALNT11**Function**

Polypeptide N-acetylgalactosaminyltransferase that catalyzes the initiation of protein O-linked glycosylation and is involved in left/right asymmetry by mediating O-glycosylation of NOTCH1. O-glycosylation of NOTCH1 promotes activation of NOTCH1, modulating the balance between motile and immotile (sensory) cilia at the left-right organiser (LRO). Polypeptide N-acetylgalactosaminyltransferases catalyze the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor. Displays the same enzyme activity toward MUC1, MUC4, and EA2 than GALNT1. Not involved in glycosylation of erythropoietin (EPO).

Cellular Location

Golgi apparatus membrane; Single-pass type II membrane protein

Tissue Location

Highly expressed in kidney. Expressed at intermediate level in brain, heart and skeletal muscle. Weakly expressed other tissues. In kidney, it is strongly expressed in tubules but not expressed in

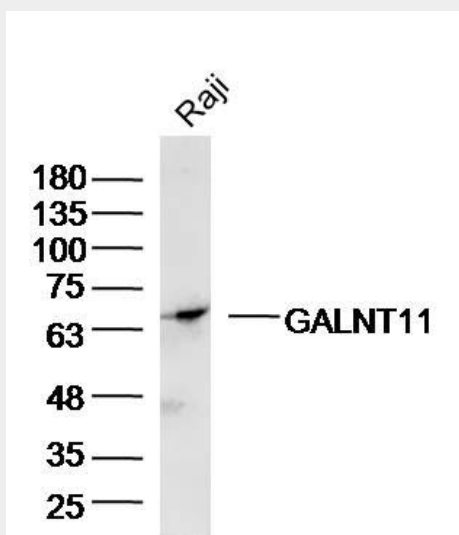
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GALNT11 Polyclonal Antibody - Protocols

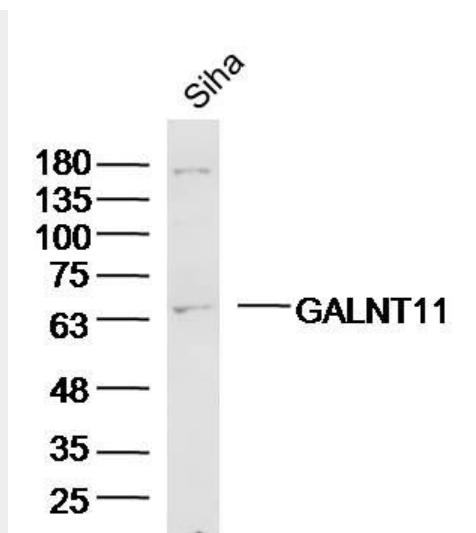
Provided below are standard protocols that you may find useful for product applications.

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

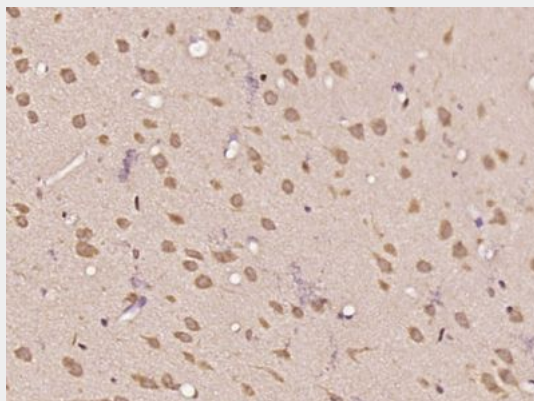
GALNT11 Polyclonal Antibody - Images



Sample:Raji(human) Cell Lysate at 40 ug
Primary: Anti-GALNT11(bs-13271R)at 1/300 dilution
Secondary:IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 69kD
Observed band size: 69kD



Sample: siha(human) Cell Lysate at 40 ug
Primary: Anti-GALNT11(bs-13271R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 69kD
Observed band size: 69kD



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GALNT11) Polyclonal Antibody, Unconjugated (bs-13271R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.