

Galnt11 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13066**Specification**

Galnt11 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O921L8
Other Accession	NM_199393 , NP_955425
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rabbit, Pig, Chicken, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	69kDa KDa

Galnt11 antibody - N-terminal region - Additional Information**Gene ID** 231050**Alias Symbol** **Galnt11****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

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-Galnt11 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

Galnt11 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Galnt11 antibody - N-terminal region - 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) (By similarity).

Cellular Location

Golgi apparatus membrane; Single- pass type II membrane protein

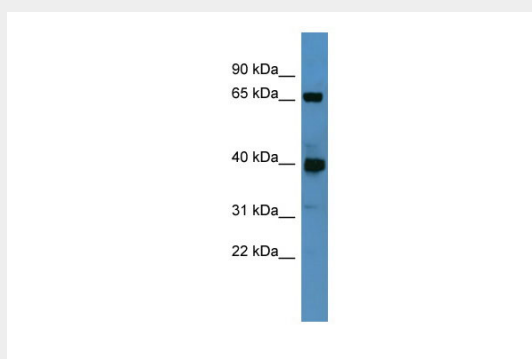
Tissue Location

Mainly expressed in kidney. Weakly expressed in other tissues.

Galnt11 antibody - N-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](#)

Galnt11 antibody - N-terminal region - Images

WB Suggested Anti-Galnt11 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:1562500

Positive Control: Rat Heart

Galnt11 antibody - N-terminal region - References

- Schwientek T., et al. J. Biol. Chem. 277:22623-22638(2002).
Shimoji S., et al. Submitted (MAR-2002) to the EMBL/GenBank/DDBJ databases.
Carninci P., et al. Science 309:1559-1563(2005).
Boskovski M.T., et al. Nature 504:456-459(2013).