

Galnt11 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13066

Product Information

Application	WB
Primary Accession	Q921L8
Other Accession	NM_199393 , NP_955425
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rabbit, Pig, Chicken, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	69201

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.

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).

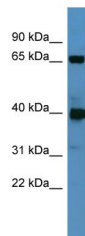
Cellular Location Golgi apparatus membrane; Single- pass type II membrane protein

Tissue Location Mainly expressed in kidney. Weakly expressed in other tissues.

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).

Images



WB Suggested Anti-Galnt11 Antibody Titration: 0.2-1
µg/ml
ELISA Titer: 1:1562500
Positive Control: Rat Heart

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.