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GALNTL5 Antibody(N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19796a

Product Information

Application	WB, E
Primary Accession	Q7Z4T8
Other Accession	NP_660335.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB40876
Calculated MW	51427
Antigen Region	52-80

Additional Information

Gene ID	168391
Other Names	Inactive polypeptide N-acetylgalactosaminyltransferase-like protein 5, Polypeptide GalNAc transferase 15, GalNAc-T15, pp-GaNTase 15, Protein-UDP acetylgalactosaminyltransferase 15, UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 15, GALNTL5, GALNT15
Target/Specificity	This GALNTL5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 52-80 amino acids from the N-terminal region of human GALNTL5.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	GALNTL5 Antibody(N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GALNTL5
Synonyms	GALNT15

Function	Probable inactive glycosyltransferase required during spermatid development. May participate in protein loading into the acrosomes and accumulation of ubiquitin-proteasome systems around the head-tail coupling apparatus region.
Cellular Location	Late endosome membrane; Single-pass type II membrane protein. Note=Localizes to the juxtanuclear region, possibly the late endosome. Not localized in the Golgi apparatus in round spermatids (By similarity).
Tissue Location	Mainly expressed in testis. Weakly or not expressed in other tissues.

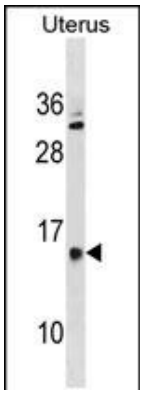
Background

GALNTL5 may catalyze the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor (By similarity).

References

Barbe, L., et al. Mol. Cell Proteomics 7(3):499-508(2008)
Kimura, K., et al. Genome Res. 16(1):55-65(2006)

Images



GALNTL5 Antibody (N-term) (Cat. #AP19796a) western blot analysis in human Uterus tissue lysates (35ug/lane).This demonstrates the GALNTL5 antibody detected the GALNTL5 protein (arrow).

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