

# GALNTL5 Antibody(N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP19796a

## Product Information

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|--------------------------|-----------------------------|
| <b>Application</b>       | WB, E                       |
| <b>Primary Accession</b> | <a href="#">Q7Z4T8</a>      |
| <b>Other Accession</b>   | <a href="#">NP_660335.2</a> |
| <b>Reactivity</b>        | Human                       |
| <b>Host</b>              | Rabbit                      |
| <b>Clonality</b>         | Polyclonal                  |
| <b>Isotype</b>           | Rabbit IgG                  |
| <b>Clone Names</b>       | RB40876                     |
| <b>Calculated MW</b>     | 51427                       |
| <b>Antigen Region</b>    | 52-80                       |

## Additional Information

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|---------------------------|--|
| <b>Gene ID</b>            | 168391   |
| <b>Other Names</b>        | 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 |
| <b>Target/Specificity</b> | 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.   |
| <b>Dilution</b>           | WB~~1:1000 E~~Use at an assay dependent concentration.   |
| <b>Format</b>             | 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.   |
| <b>Storage</b>            | 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.  |
| <b>Precautions</b>        | GALNTL5 Antibody(N-term) is for research use only and not for use in diagnostic or therapeutic procedures.   |

## Protein Information

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| <b>Name</b>     | GALNTL5 |
| <b>Synonyms</b> | GALNT15 |

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|--------------------------|---|
| <b>Function</b>          | 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. |
| <b>Cellular Location</b> | 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).                      |
| <b>Tissue Location</b>   | Mainly expressed in testis. Weakly or not expressed in other tissues.   |

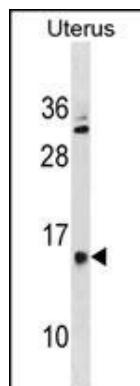
## Background

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'.