

Product datasheet for **AP51770PU-N**

GALNT5 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Flow Cytometry: 1/10-1/50. Immunohistochemistry on Paraffin Sections: 1/50-1/100.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 31~61 amino acids from the N-terminal region of Human GALNT5
Specificity:	This antibody recognizes Human and Mouse GALNT5 (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	polypeptide N-acetylgalactosaminyltransferase 5
Database Link:	Entrez Gene 241391 Mouse Entrez Gene 11227 Human Q7Z7M9



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Background: GALNT5 can 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. GALNT5 has activity toward EA2 peptide substrate, but it has a weak activity toward Muc2 or Muc1b substrates.

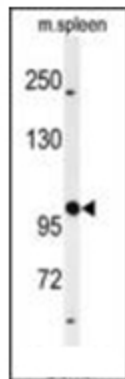
Synonyms: GalNAc transferase 5, pp-GaNTase 5, GalNAc-T5

Note: **Molecular Weight:** 106266 Da

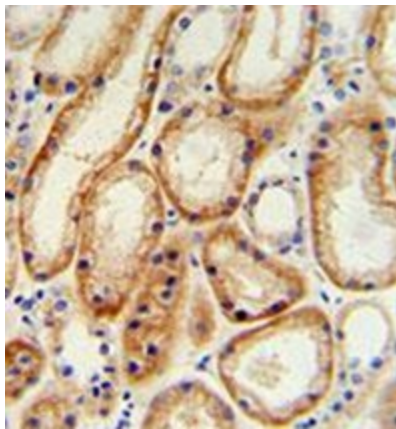
Protein Families: Transmembrane

Protein Pathways: Metabolic pathways, O-Glycan biosynthesis

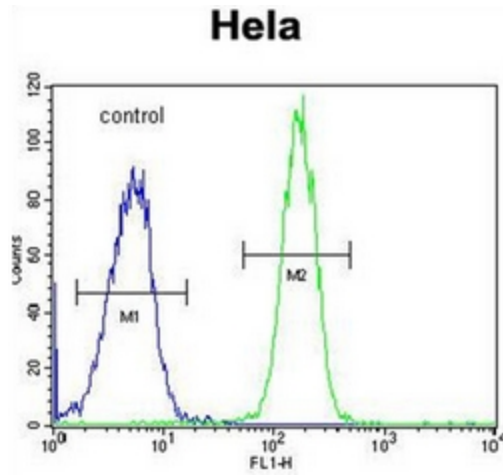
Product images:



Western blot analysis of GALNT5 Antibody (N-term) in mouse spleen tissue lysates (35ug/lane). GALNT5 (arrow) was detected using the purified Pab.



Immunohistochemistry analysis in formalin fixed and paraffin embedded human normal lung tissue reacted with GALNT5 Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.



Flow cytometric analysis of HeLa cells using GALNT5 Antibody (N-term) (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.