

GALNTL6 Rabbit pAb

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Catalog # AP56183

Product Information

Application	WB
Primary Accession	Q49A17
Reactivity	Rat
Predicted	Pig, Dog, Human, Mouse, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	69788
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GALNTL6
Epitope Specificity	451-550/601
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Golgi apparatus membrane.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	GalNAc-T17 is a 601 amino acid single-pass type II membrane protein that is a member of the glycosyltransferase 2 family and GalNAc-T subfamily. Localized to the Golgi apparatus and contains a ricin B-type lectin domain, GalNAc-T17 catalyzes 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. GalNAc-T17 contains two conserved domains, an N-terminal domain (domain A, also called GT1 motif), which is likely involved in manganese coordination and substrate binding and a C-terminal domain (domain B, also called Gal/GalNAc-T motif), which is likely involved in catalytic reaction and UDP-Gal binding. GalNAc-T17 exists as two alternatively spliced isoforms and utilizes manganese and calcium as cofactors.

Additional Information

Gene ID	442117
Other Names	Polypeptide N-acetylgalactosaminyltransferase-like 6, 2.4.1.41, Polypeptide GalNAc transferase 17, GalNAc-T17, pp-GaNTase 17, Protein-UDP acetylgalactosaminyltransferase 17, Putative polypeptide N-acetylgalactosaminyltransferase 17, UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 17, GALNTL6, GALNT17
Dilution	WB=1:500-2000

Storage Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

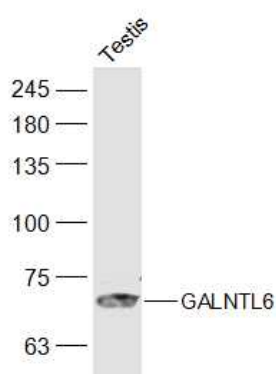
Protein Information

Name	GALNTL6
Synonyms	GALNT17
Function	Catalyzes 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.
Cellular Location	Golgi apparatus membrane; Single- pass type II membrane protein

Background

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Images



Sample:
Testis(Rat) Lysate at 40 ug
Primary: Anti-GALNTL6 (AP56183) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 70 kD
Observed band size: 70 kD

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