SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-GALNTL6 antibody

Catalog Number: SL16229R

FOR RESEARCH USE ONLY

[DATASHEET]

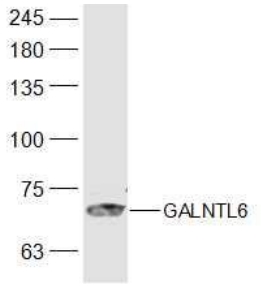
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	GALNTL6
Immunogen:	KLH conjugated synthetic peptide derived from human GALNTL6: 451-550/601
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse,Chicken,Dog,Pig,Cow,Horse,Sheep)
Predicted MW.:	70kDa
Subcellular Location:	cytoplasmic
Background:	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. **Function:** 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

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[VALIDATION IMAGES]



Sample:
Testis(Rat) Lysate at 40 ug
Primary: Anti-GALNTL6 (SL16229R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 70 kD
Observed band size: 70 kD

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