

Anti-GALNTL6 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted:Human,Mouse,Chicken,Dog,Pig,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 70 kDa. Actual: 70 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: Testis (Rat) Lysate at 40 µg Primary: Anti-GALNTL6 (TMAB-06313) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 70 kD Observed band size: 70 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human GALNTL6
Antigen Species:	Human
Gene ID:	442117
Uniprot ID:	Q49A17

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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