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GALNT15 Polyclonal Antibody

(Catalog #A66358)

Background
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. Although it displays a much weaker activity toward all substrates tested compared to GALNT2, it is able to transfer up to seven GalNAc residues to the Muc5AC peptide, suggesting that it can fill vicinal Thr/Ser residues in cooperation with other GALNT proteins. Prefers Muc1a as substrate.

Description
GALNT15 Polyclonal Antibody. Unconjugated. Raised in: Rabbit.

Formulation
Liquid. 0.03% Proclin 300, 50% Glycerol, 0.01M PBS, PH 7.4.

Specificity
Human, Mouse

Isotype
IgG

Uniprot ID
Q8N3T1

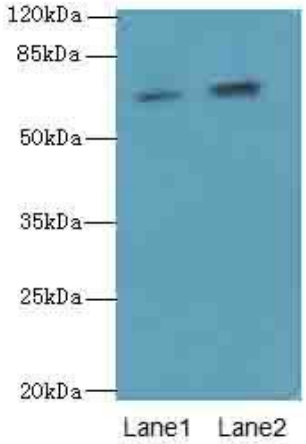
Purification
>95%, Protein G purified

Immunogen
Recombinant Human Polypeptide N-acetylgalactosaminyltransferase 15 protein (35-335AA)

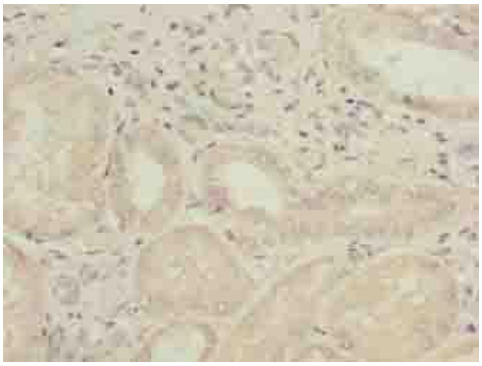
Storage
Shipped at 4°C. Upon delivery aliquot and store at -20°C (short-term) or -80°C (long-term). Avoid repeated freeze.

Alternative Names
Polypeptide N-acetylgalactosaminyltransferase 15, Polypeptide GalNAc transferase-like protein 2, GalNAc-T-like protein 2, pp-GaNTase-like protein 2, Polypeptide N-acetylgalactosaminyltransferase-like protein 2, Protein-UDP acetylgalactosaminyltransferase-like protein 2, polypeptide N-acetylgalactosaminyltransferase-like protein 2, GALNT15, GALNTL2, UNQ770/PRO1564

Application
ELISA, WB, IHC; Recommended dilution: WB 1:1000 - 1:5000, IHC 1:20 - 1:200



Western blot
All Lanes: GALNT15 Polyclonal Antibody at 5ug/ml
Lane 1: Mouse kidney tissue
Lane 2: Mouse liver tissue
Secondary
Goat polyclonal to Rabbit IgG at 1/10000 dilution
Predicted band size: 73 kDa
Observed band size: 73 kDa



Immunohistochemistry of paraffin-embedded human kidney tissue using GALNT15 Polyclonal Antibody at dilution of 1:100