



GALNT14 mouse mAb

Catalog No	YP-mAb-17927
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GALNT14 UNQ2434/PRO4994
Immunogen	Synthesized peptide derived from human GALNT14
Specificity	This antibody detects endogenous levels of GALNT14 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GalNac T10;GalNac T14;GALNT14;GALNT15;pp GaNTase 14;GALNT14 UNQ2434/PRO4994;Polypeptide N-acetylgalactosaminyltransferase 14 (EC 2.4.1.41) (Polypeptide GalNac transferase 14) (GalNac-T14) (pp-GaNTase 14) (Protein-UDP acetylgalactosaminyltransferase 14) (UDP-GalNac:polypeptide
Observed Band	64 kDa
Calculated Molecular Weight	552 aa, 64 kDa
Cell Pathway	Golgi apparatus membrane ; Single-pass type II membrane protein .
Tissue Specificity	Detected in renal tubules (at protein level). Highly expressed in fetal and adult kidney. Widely expressed at low level. Weakly expressed in whole brain, cerebellum, thymus, lung, mammary gland, liver, stomach, small intestine, colon, pancreas, spleen, bladder, uterus, placenta, testis, ovary, skeletal muscle, leukocyte, B-cell, bone marrow, fetal brain, fetal thymus, fetal lung, fetal liver, fetal small intestine, fetal spleen, fetal skeletal and fetus. Detected in renal tubules (at protein level).
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. Displays activity toward mucin-derived peptide substrates such as Muc2, Muc5AC, Muc7, and Muc13 (-58). May be involved in



O-glycosylation in kidney.

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images