

GALNT4 Antibody (N-term)

Catalog_no :	AB0746
Applications :	IHC-P, WB
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:93-120
Specificity :	This GALNT4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 93-120 amino acids from the N-terminal region of human GALNT4.
Dilution :	WB,1:1000;FC,1:10~50;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Polypeptide N-acetylgalactosaminyltransferase 4, Polypeptide GalNAc transferase 4, GalNAc-T4, pp-GaNTase 4, Protein-UDP acetylgalactosaminyltransferase 4, UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 4, GALNT4
Isotype :	Rabbit Ig
Background :	This gene encodes a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAc-T) family of enzymes. GalNAc-Ts initiate mucin-type O-linked glycosylation in the Golgi apparatus by catalyzing the transfer of GalNAc to serine and threonine residues on target proteins. They are characterized by an N-terminal transmembrane domain, a stem region, a luminal catalytic domain containing a GT1 motif and Gal/GalNAc transferase motif, and a C-terminal ricin/lectin-like domain. GalNAc-Ts have different, but overlapping, substrate specificities and patterns of expression. In vitro, the encoded protein can complement other GalNAc-Ts in the complete O-glycosylation of the mucin-1 tandem repeat and can O-glycosylate the P-selectin glycoprotein ligand-1 molecule. The coding region of this gene is contained within a single exon.
reference :	O'Halloran, A.M., et al. J. Thromb. Thrombolysis 27(2):175-184(2009) Argueso, P., et al. Invest. Ophthalmol. Vis. Sci. 44(1):86-92(2003) Hassan, H., et al. J. Biol. Chem. 275(49):38197-38205(2000) Bennett, E.P., et al. J. Biol. Chem. 273(46):30472-30