Best Tools for immunology Research

GLTL5 rabbit pAb

Catalog No :	YN4189
Reactivity :	Human;Mouse
Applications :	WB
Target :	GLTL5
Fields :	>>Mucin type O-glycan biosynthesis;>>Other types of O-glycan biosynthesis;>>Metabolic pathways
Gene Name :	GALNTL5 GALNT15
Protein Name :	GLTL5
Human Gene Id :	168391
Human Swiss Prot No :	Q7Z4T8
Mouse Gene Id :	67909
Mouse Swiss Prot No :	Q9D4M9
Immunogen :	Synthesized peptide derived from human GLTL5 AA range: 79-129
Specificity :	This antibody detects endogenous levels of GLTL5 at Human/Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1□500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

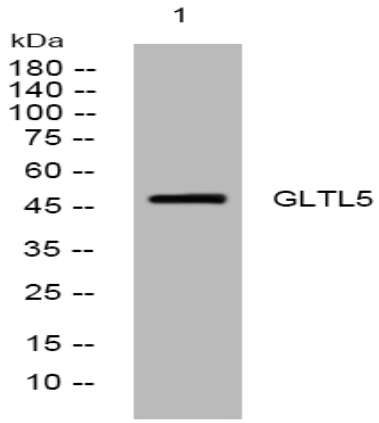
Molecularweight : 49kD

Function : caution:In contrast to other members of the family, it lacks the C-terminal ricin B-type lectin domain, which contributes to the glycopeptide specificity. Its precise function is therefore unsure.,cofactor:Calcium.,cofactor:Manganese.,domain:There are two conserved domains in the glycosyltransferase region: the N-terminal domain (domain A, also called GT1 motif), which is probably involved in manganese coordination and substrate binding and the C-terminal domain (domain B, also called Gal/GalNAc-T motif), which is probably involved in catalytic reaction and UDP-Gal binding.,function:May catalyze 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.,online information:GlycoGene database,online information:Putative polypeptide N-acetylgalactosaminyltransferase-like protein

Subcellular Location : Late endosome membrane ; Single-pass type II membrane protein . Localizes to the juxtanuclear region, possibly the late endosome. Not localized in the Golgi apparatus in round spermatids (By similarity). .

Expression : Mainly expressed in testis. Weakly or not expressed in other tissues.

Products Images



Western blot analysis of lysates from THP-1 cells, primary antibody was diluted at 1:1000, 4°over night