





GALT2 mouse mAb

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 Polypeptide N-acetylgalactosaminyltransferase 2 (EC 2.4.1.41) (Polypeptide GalNAc transferase 2) (GalNAc-T2) (pp-GaNTase 2) (Protein-UDP acetylgalactosaminyltransferase 2) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 2) [Cleaved into: Polypeptide N-acetylgalactosaminyltransferase 2 soluble form] Observed Band 65kD Cell Pathway Golgi apparatus, Golgi stack membrane; Single-pass type II membrane proceed a secreted in Resides preferentially in the trans and medial parts of the Golgi A secreted form also exists. Tissue Specificity Widely expressed. Function catalytic activity:UDP-N-acetyl-D-galactosamine + polypeptide = UDP + N-acetyl-D-galactosaminyl-polypeptide, cofactor:Calcium, cofactor:Mangar omain:The ricin B-type lectin domain binds to GalNAc and contributes to the glycosyltransferase region: the N-terminal domain (domain A, also called Comotify, which is probably involved in manganese coordination and substrate motify, which is probably involved in manganese coordination and substrate motification.		
Reactivity Human; Mouse	alog No	YP-mAb-08079
Applications Gene Name GALNT2 Protein Name GALT2 Immunogen Synthesized peptide derived from human GALT2 AA range: 30-80 Specificity This antibody detects endogenous levels of GALT2 at Human/Mouse Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.194% sodium azic 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 Polypeptide N-acetylgalactosaminyltransferase 2 (EC 2.4.1.41) (Polypeptide GalNAc transferase 2) (GalNAc-T2) (pp-GaNTase 2) (Protein-UDP acetylgalactosaminyltransferase 2) (Cleaved into: Polypeptide N-acetylgalactosaminyltransferase 2) (Cleaved into: Polypeptide N-acetylgalactosaminyltransferase 2 soluble form] Observed Band GSkD Cell Pathway Golgi apparatus, Golgi stack membrane ; Single-pass type II membrane preserved a secreted form also exists. Tissue Specificity Widely expressed. Catalytic activity: UDP-N-acetyl-D-galactosamine + polypeptide = UDP + N-acetyl-D-galactosaminyl-polypeptide, cofactor: Calcium, cofactor: Mangaromain: The ricin B-type lectin domain binds to GalNAc and contributes to the glycosyttransferase region: the N-terminal domain (domain A, also called C motif), which is probably involved in manganese coordination and substrate	уре	IgG
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Immunogen Synthesized peptide derived from human GALT2 AA range: 30-80	olications	WB
Immunogen Synthesized peptide derived from human GALT2 AA range: 30-80	ne Name	GALNT2
Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.194% sodium azid 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 Polypeptide N-acetylgalactosaminyltransferase 2 (EC 2.4.1.41) (Polypeptide GalNAc transferase 2) (GalNAc-T2) (pp-GaNTase 2) (Protein-UDP acetylgalactosaminyltransferase 2) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 2) [Cleaved into: Polypeptide N-acetylgalactosaminyltransferase 2 soluble form] Observed Band G5kD Cell Pathway Golgi apparatus, Golgi stack membrane : Single-pass type II membrane pr Secreted . Resides preferentially in the trans and medial parts of the Golgi A secreted form also exists. Tissue Specificity Widely expressed. Function catalytic activity:UDP-N-acetyl-D-galactosamine + polypeptide = UDP + N-acetyl-D-galactosaminyl-polypeptide, cofactor:Calcium.cofactor:Mangar omain:The ricin B-type lectin domain binds to GalNAc and contributes to triglycosyltransferase region: the N-terminal domain (domain A, also called C motif), which is probably involved in manganese coordination and substrate	tein Name	GALT2
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Synonyms Polypeptide N-acetylgalactosaminyltransferase 2 (EC 2.4.1.41) (Polypeptide GalNAc transferase 2) (GalNAc-T2) (pp-GaNTase 2) (Protein-UDP acetylgalactosaminyltransferase 2) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 2) [Cleaved into: Polypeptide N-acetylgalactosaminyltransferase 2) [Cleaved into: Polypeptide N-acetylgalactosaminyltransferase 2 soluble form] Observed Band Golgi apparatus, Golgi stack membrane; Single-pass type II membrane prosecreted. Resides preferentially in the trans and medial parts of the Golgi A secreted form also exists. Tissue Specificity Widely expressed. Function catalytic activity: UDP-N-acetyl-D-galactosamine + polypeptide = UDP + N-acetyl-D-galactosaminyl-polypeptidecofactor: Calciumcofactor: Mangaromain: The ricin B-type lectin domain binds to GalNAc and contributes to the glycosyltransferase region: the N-terminal domain (domain A, also called C motif), which is probably involved in manganese coordination and substrate	ncentration	1 mg/ml
Synonyms Polypeptide N-acetylgalactosaminyltransferase 2 (EC 2.4.1.41) (Polypeptide GalNAc transferase 2) (GalNAc-T2) (pp-GalNAc:polypeptide N-acetylgalactosaminyltransferase 2) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 2) [Cleaved into: Polypeptide N-acetylgalactosaminyltransferase 2 soluble form] Observed Band Golgi apparatus, Golgi stack membrane; Single-pass type II membrane prosecreted. Resides preferentially in the trans and medial parts of the Golgi A secreted form also exists. Tissue Specificity Widely expressed. Widely expressed. Catalytic activity:UDP-N-acetyl-D-galactosamine + polypeptide = UDP + N-acetyl-D-galactosaminyl-polypeptide.,cofactor:Calcium.,cofactor:Mangaromain:The ricin B-type lectin domain binds to GalNAc and contributes to the glycosyltransferase region: the N-terminal domain (domain A, also called C motif), which is probably involved in manganese coordination and substrate	ity	≥90%
GalNAc transferase 2) (GalNAc-T2) (pp-GaNTase 2) (Protein-UDP acetylgalactosaminyltransferase 2) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 2) [Cleaved into: Polypeptide N-acetylgalactosaminyltransferase 2 soluble form] Observed Band Golgi apparatus, Golgi stack membrane; Single-pass type II membrane prosecreted. Resides preferentially in the trans and medial parts of the Golgi A secreted form also exists. Tissue Specificity Widely expressed. Function catalytic activity:UDP-N-acetyl-D-galactosamine + polypeptide = UDP + N-acetyl-D-galactosaminyl-polypeptide.,cofactor:Calcium.,cofactor:Mangaromain:The ricin B-type lectin domain binds to GalNAc and contributes to the glycosyltransferase region: the N-terminal domain (domain in the glycosyltransferase region: the N-terminal domain (domain A, also called Genotif), which is probably involved in manganese coordination and substrate	rage Stability	-20°C/1 year
Cell Pathway Golgi apparatus, Golgi stack membrane; Single-pass type II membrane properties and medial parts of the Golgi A secreted form also exists. Tissue Specificity Widely expressed. Catalytic activity:UDP-N-acetyl-D-galactosamine + polypeptide = UDP + N-acetyl-D-galactosaminyl-polypeptide.,cofactor:Calcium.,cofactor:Mangaromain:The ricin B-type lectin domain binds to GalNAc and contributes to the glycopeptide specificity.,domain:There are two conserved domains in the glycosyltransferase region: the N-terminal domain (domain A, also called C motif), which is probably involved in manganese coordination and substrate		acetylgalactosaminyltransferase 2) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 2) [Cleaved into: Polypeptide
Secreted . Resides preferentially in the trans and medial parts of the Golgi A secreted form also exists. Tissue Specificity Widely expressed. Catalytic activity:UDP-N-acetyl-D-galactosamine + polypeptide = UDP + N-acetyl-D-galactosaminyl-polypeptide.,cofactor:Calcium.,cofactor:Mangar omain:The ricin B-type lectin domain binds to GalNAc and contributes to the glycopeptide specificity.,domain:There are two conserved domains in the glycosyltransferase region: the N-terminal domain (domain A, also called G motif), which is probably involved in manganese coordination and substrate	served Band	65kD
Function catalytic activity:UDP-N-acetyl-D-galactosamine + polypeptide = UDP + N-acetyl-D-galactosaminyl-polypeptide.,cofactor:Calcium.,cofactor:Mangar omain:The ricin B-type lectin domain binds to GalNAc and contributes to the glycopeptide specificity.,domain:There are two conserved domains in the glycosyltransferase region: the N-terminal domain (domain A, also called 6 motif), which is probably involved in manganese coordination and substrate		Golgi apparatus, Golgi stack membrane ; Single-pass type II membrane protein . Secreted . Resides preferentially in the trans and medial parts of the Golgi stack. A secreted form also exists.
N-acétyl-D-galáctosaminyl-pólypeptide.,cofactor:Calciúm.,cofactor:Mangar omain:The ricin B-type lectin domain binds to GalNAc and contributes to th glycopeptide specificity.,domain:There are two conserved domains in the glycosyltransferase region: the N-terminal domain (domain A, also called G motif), which is probably involved in manganese coordination and substrate	sue Specificity	Widely expressed.
which is probably involved in catalytic reaction and UDP-Gal binding.,function:Catalyzes the initial reaction in O-linked oligosaccharide		N-acetyl-D-galactosaminyl-polypeptide.,cofactor:Calcium.,cofactor:Manganese.,comain:The ricin B-type lectin domain binds to GalNAc and contributes to the glycopeptide specificity.,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



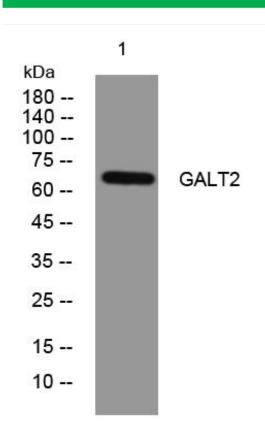
UpingBio technology Co.,Ltd





	biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor. Has a broad spectrum of substrates for peptides such as EA2, Muc5AC, Muc1a, Muc1b. Probably involved in O-linked
Background	This gene encodes a member of the glycosyltransferase 2 protein family. Members of this family initiate mucin-type O-glycoslation of peptides in the Golgi apparatus. The encoded protein may be involved in O-linked glycosylation of the immunoglobulin A1 hinge region. This gene may influence triglyceride levels, and may be involved Type 2 diabetes, as well as several types of cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014],
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



Western Blot analysis of various cells using GALT2 mouse mAb