

GALNT10 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13533**Specification**

GALNT10 Antibody (N-Terminus) - Product Information

Application	IF, WB, IHC
Primary Accession	Q86SR1
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	69kDa KDa

GALNT10 Antibody (N-Terminus) - Additional Information**Gene ID** 55568**Other Names**

Polypeptide N-acetylgalactosaminyltransferase 10, 2.4.1.41, Polypeptide GalNAc transferase 10, GalNAc-T10, pp-GaNTase 10, Protein-UDP acetylgalactosaminyltransferase 10, UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 10, GALNT10

Target/Specificity

Human GALNT10

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

GALNT10 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

GALNT10 Antibody (N-Terminus) - Protein Information**Name** GALNT10**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. Has activity toward Muc5Ac and EA2 peptide substrates.

Cellular Location

Golgi apparatus membrane; Single-pass type II membrane protein

Tissue Location

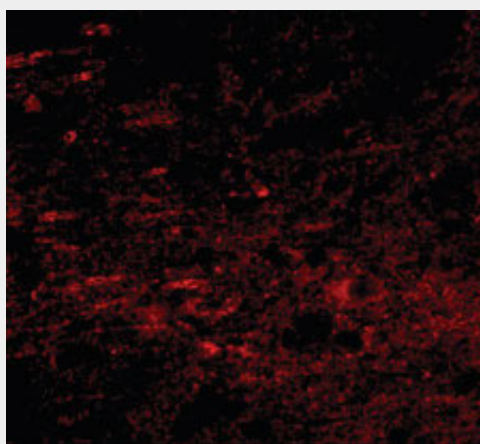
Widely expressed. Expressed at high level in small intestine, and at intermediate levels in stomach, pancreas, ovary, thyroid gland and spleen. Weakly expressed in other tissues

GALNT10 Antibody (N-Terminus) - Protocols

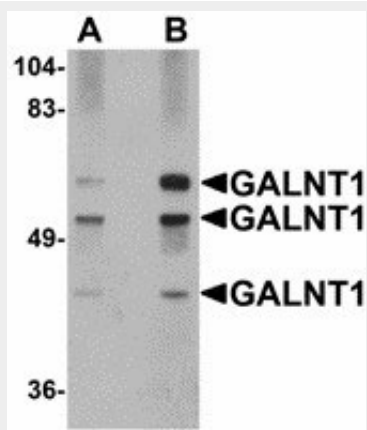
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

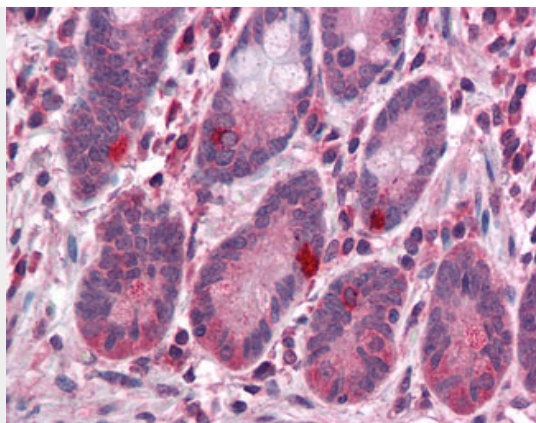
GALNT10 Antibody (N-Terminus) - Images



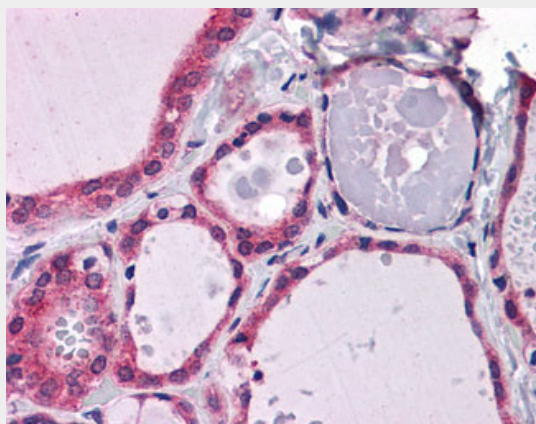
Immunofluorescence of GALNT10 in human brain tissue with GALNT10 antibody at 20 ug/ml.



Western blot of GALNT10 in rat brain tissue lysate with GALNT10 antibody at (A) 1 and (B) 2 ug/ml.



Anti-GALNT10 antibody IHC of human small intestine.



Anti-GALNT10 antibody IHC of human thyroid.

GALNT10 Antibody (N-Terminus) - 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. Has activity toward Muc5Ac and EA2 peptide substrates.

GALNT10 Antibody (N-Terminus) - References

Cheng L.,et al.FEBS Lett. 531:115-121(2002).
Bennett E.P.,et al.Submitted (AUG-2002) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Jikuya H.,et al.DNA Res. 10:49-57(2003).