

GALNTL2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9335a**Specification**

GALNTL2 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q8N3T1](#)**GALNTL2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 117248**Other Names**

Polypeptide N-acetylgalactosaminyltransferase 15, Polypeptide GalNAc transferase-like protein 2, GalNAc-T-like protein 2, pp-GaNTase-like protein 2, Polypeptide N-acetylgalactosaminyltransferase-like protein 2, Protein-UDP acetylgalactosaminyltransferase-like protein 2, UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase-like protein 2, GALNT15, GALNTL2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GALNTL2 Antibody (N-term) Blocking Peptide - Protein Information**Name** GALNT15**Synonyms** GALNTL2**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. Although it displays a much weaker activity toward all substrates tested compared to GALNT2, it is able to transfer up to seven GalNAc residues to the Muc5AC peptide, suggesting that it can fill vicinal Thr/Ser residues in cooperation with other GALNT proteins. Prefers Muc1a as substrate.

Cellular Location

Golgi apparatus membrane; Single-pass type II membrane protein

Tissue Location

Widely expressed. Highly expressed in small intestine, placenta, spleen, cerebral cortex and ovary. Expressed at intermediate level in uterus, mammary gland, stomach, cerebellum and whole brain.

Weakly expressed in fetal brain, bone marrow, thyroid gland, thymus, heart, skeletal muscle, lung, liver, colon, pancreas, kidney and testis. Not expressed in leukocyte. Expressed in both normal and osteoarthritic cartilage. Expressed at low level in chondrocytes in all zones of both normal and osteoarthritic cartilage

GALNTL2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GALNTL2 Antibody (N-term) Blocking Peptide - Images

GALNTL2 Antibody (N-term) Blocking Peptide - Background

GALNTL2 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.

GALNTL2 Antibody (N-term) Blocking Peptide - References

Cheng,L. FEBS Lett. 566 (1-3), 17-24 (2004)Clark,H.F. Genome Res. 13 (10), 2265-2270 (2003)Kumar,S. Osteoarthr. Cartil. 9 (7), 641-653 (2001)