

FUT10 Antibody(N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19483A**Specification**

FUT10 Antibody(N-term) - Product Information

Application	WB,E
Primary Accession	Q6P4F1
Other Accession	NP_116053.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	54-82

FUT10 Antibody(N-term) - Additional Information**Gene ID** 84750**Other Names**

Alpha-(1, 3)-fucosyltransferase 10, 241-, Fucosyltransferase X, Fuc-TX, FucT-X, Galactoside 3-L-fucosyltransferase 10, Fucosyltransferase 10, FUT10

Target/Specificity

This FUT10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 54-82 amino acids from the N-terminal region of human FUT10.

Dilution

WB~~1:1000

Format

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FUT10 Antibody(N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

FUT10 Antibody(N-term) - Protein Information**Name** FUT10 {ECO:0000303|PubMed:19088067, ECO:0000312|HGNC:HGNC:19234}**Function** Predominantly fucosylates the innermost N-acetyl glucosamine (GlcNAc) residue in biantennary N-glycan acceptors. Postulated to generate core alpha(1->3)-fucose epitope within

the chitobiose unit of biantennary N-glycans, providing for a recognition signal to reorient aberrantly folded glycoproteins for degradation (PubMed:[19088067](#)). Involved in biosynthesis of Lewis X-carrying biantennary N-glycans that regulate neuron stem cell self-renewal during brain development (By similarity).

Cellular Location

[Isoform 1]: Endoplasmic reticulum membrane; Single-pass type II membrane protein. Golgi apparatus membrane; Single-pass type II membrane protein [Isoform 5]: Endoplasmic reticulum membrane; Single-pass type II membrane protein. Golgi apparatus membrane; Single-pass type II membrane protein

Tissue Location

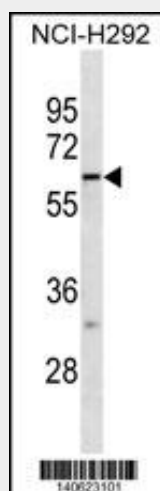
Expressed in lung, digestive tract, gall bladder, placenta, kidney, uterus and brain. Not detected in spleen, heart, muscle, liver and pancreas.

FUT10 Antibody(N-term) - 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](#)

FUT10 Antibody(N-term) - Images



FUT10 Antibody (N-term) (Cat. #AP19483a) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the FUT10 antibody detected the FUT10 protein (arrow).

FUT10 Antibody(N-term) - Background

FUT10 is probable fucosyltransferase (By similarity).

FUT10 Antibody(N-term) - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :
Mollicone, R., et al. J. Biol. Chem. 284(7):4723-4738(2009)
Baboval, T., et al. Mamm. Genome 13(9):538-541(2002)
Roos, C., et al. J. Biol. Chem. 277(5):3168-3175(2002)