

FUT10 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56174**Specification**

FUT10 Polyclonal Antibody - Product Information

Application	IHC-P, WB
Primary Accession	Q6P4F1
Reactivity	Rat, Chimpanzee, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56094

FUT10 Polyclonal Antibody - Additional Information**Gene ID** 84750**Other Names**

Alpha-(1, 3)-fucosyltransferase 10, 2.4.1.-, Fucosyltransferase X, Fuc-TX, FucT-X, Galactoside 3-L-fucosyltransferase 10, Fucosyltransferase 10, FUT10

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

FUT10 Polyclonal Antibody - 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

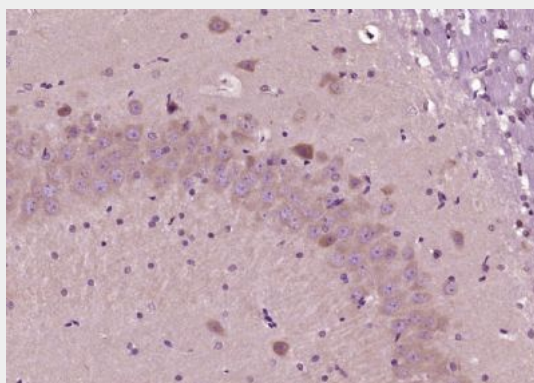
spleen, heart, muscle, liver and pancreas.

FUT10 Polyclonal Antibody - Protocols

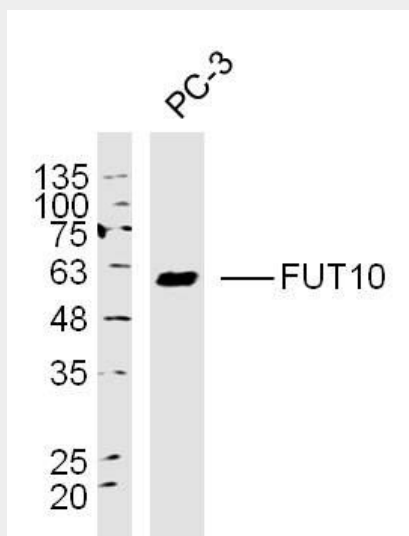
Provided below are standard protocols that you may find useful for product applications.

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

FUT10 Polyclonal Antibody - Images

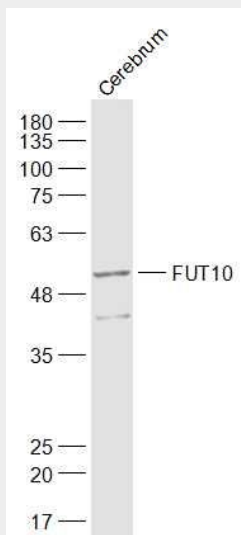


Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FUT10) Polyclonal Antibody, Unconjugated (bs-16197R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Sample: PC-3 (human) cell Lysate at 40 ug

Primary: Anti- FUT10 (bs-16197R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 56 kD
Observed band size: 56 kD



Sample:
Cerebrum (Mouse) Lysate at 40 ug
Primary: Anti-FUT10 (bs-16197R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 56 kD
Observed band size: 56 kD