

## Product datasheet for **AP51740PU-N**

### **FT1A (FUT6) (N-term) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500. <b>Immunohistochemistry on Paraffin Sections:</b> 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 19-49 amino acids from the N-terminal region of Human Fucosyltransferase 6
Specificity:	This antibody recognizes Human Fucosyltransferase 6 (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	fucosyltransferase 6
Database Link:	<a href="#">Entrez Gene 2528 Human P51993</a>
Background:	The protein encoded by this gene is a Golgi stack membrane protein that is involved in the creation of sialyl-Lewis X, an E-selectin ligand. Mutations in this gene are a cause of fucosyltransferase-6 deficiency. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq].



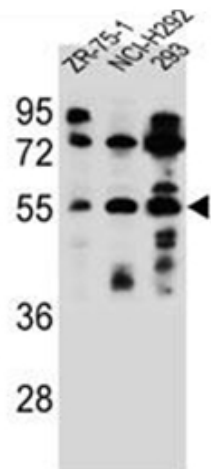
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**Synonyms:** Fucosyltransferase VI, FUT6, FCT3A, FucT-VI

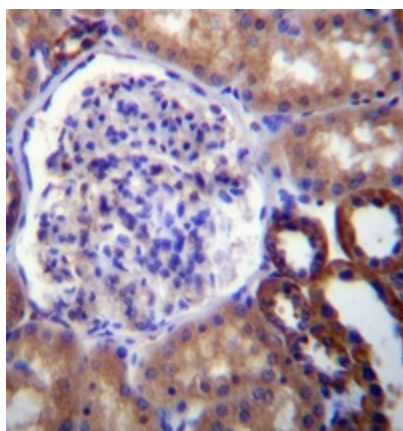
**Note:** **Molecular Weight:** 41860 Da

**Protein Pathways:** Glycosphingolipid biosynthesis - lacto and neolacto series, Metabolic pathways

**Product images:**



Western blot analysis of FUT6 Antibody (N-term) in ZR-75-1, NCI-H292, 293 cell line lysates (35ug/lane). This demonstrates the FUT6 antibody detected the FUT6 protein (arrow).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue reacted with FUT6 Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.