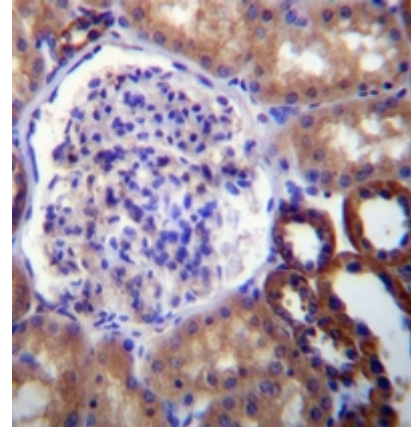


AP51740PU-N**Polyclonal Antibody to Fucosyltransferase 6 (N-term) - Aff - Purified**

| | |
|--------------------------|--|
| Alternate names: | 3)-fucosyltransferase, Alpha-(1, FCT3A, FUT6, FucT-VI, Fucosyltransferase VI, Galactoside 3-L-fucosyltransferase |
| Quantity: | 0.4 ml |
| Concentration: | lot specific |
| 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]. |
| Uniprot ID: | P51993 |
| NCBI: | NP_000141 |
| GeneID: | 2528 |
| Host / Isotype: | Rabbit / Ig |
| Immunogen: | KLH conjugated synthetic peptide between 19-49 amino acids from the N-terminal region of Human Fucosyltransferase 6 Genename: FUT6 |
| Format: | State: Liquid purified Ig fraction Purification: Protein A column, followed by peptide affinity purification Buffer System: PBS containing 0.09% (W/V) Sodium Azide as preservative |
| Applications: | ELISA: 1/1000. Western Blot: 1/100-1/500. Immunohistochemistry on Paraffin Sections: 1/10-1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Specificity: | This antibody recognizes Human Fucosyltransferase 6 (N-term). |
| Add. Information: | Molecular Weight: 41860 Da |
| Storage: | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch. |
| General Readings: | Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Stern, H.M., et al. Clin. Cancer Res. 16(5):1587-1596(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Norden, R., et al. Glycobiology 19(7):776-788(2009) Higai, K., et al. Glycoconj. J. 25(3):225-235(2008) |

Pictures:

Immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue reacted with FUT6 Antibody (N-term) Cat.-No AP51740PU-N followed by peroxidase conjugation of the secondary antibody and DAB staining.



Western blot analysis of FUT6 Antibody (N-term) Cat.-No AP51740PU-N in ZR-75-1, NCI-H292, 293 cell line lysates (35ug/lane). This demonstrates the FUT6 antibody detected the FUT6 protein (arrow).

