

Product datasheet for **AP51742PU-N**

FUT8 (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/1000. Immunohistochemistry on Paraffin Sections: 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 329-357 amino acids from the Central region of Human Fucosyltransferase 8
Specificity:	This antibody recognizes Fucosyltransferase 8 (Center).
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 8
Database Link:	Entrez Gene 2530 Human Q9BYC5



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Background: This enzyme belongs to the family of fucosyltransferases. The product of this gene catalyzes the transfer of fucose from GDP-fucose to N-linked type complex glycopeptides. This enzyme is distinct from other fucosyltransferases which catalyze alpha1-2, alpha1-3, and alpha1-4 fucose addition. The expression of this gene may contribute to the malignancy of cancer cells and to their invasive and metastatic capabilities. Alternatively spliced variants encoding different isoforms have been identified.

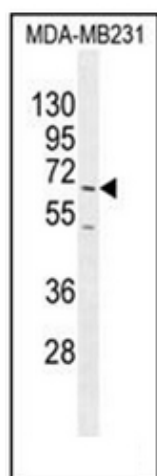
Synonyms: alpha1-6FucT, FUT8

Note: **Molecular Weight:** 66516 Da

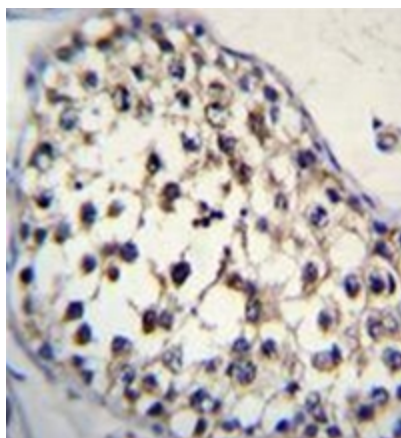
Protein Families: Transmembrane

Protein Pathways: Keratan sulfate biosynthesis, Metabolic pathways, N-Glycan biosynthesis

Product images:



Western blot analysis of FUT8 Antibody (Center) in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the FUT8 antibody detected the FUT8 protein (arrow).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue reacted with FUT8 Antibody (Center) followed by peroxidase conjugation of the secondary antibody and DAB staining.