

Rabbit anti-Human FUT6 Polyclonal Antibody | anti-FUT6 antibody

FUT6 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287525	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

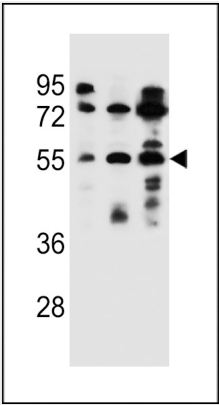
PRODUCT SYNONYMS

FUT6; Polyclonal Antibody; FUT6 Antibody (N-term); Alpha-(1; 3)-fucosyltransferase 6; Fucosyltransferase 6; Fucosyltransferase VI; Fuc-TVI; FucT-VI; Galactoside 3-L-fucosyltransferase; FCT3A; anti-FUT6 antibody

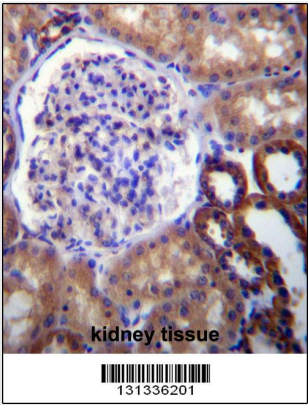
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FUT6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 20-49 amino acids from the N-terminal region of human FUT6.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.48 (varies by lot)
Sequence Positions	20-49
Sequence Length	364
Applicable Applications for anti-FUT6 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



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



IHC (Immunohistochemistry)
FUT6 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of FUT6 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL INFORMATION

Related Product Information for anti-FUT6 antibody	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].
Product Categories/Family for anti-FUT6 antibody	Cancer; Developmental Biology; Immunology; Signal Transduction
References	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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503815
NCBI GeneID	2528
NCBI Accession #	NP_000141.1; NP_001035791.1
NCBI GenBank Nucleotide #	NM_000150.2
UniProt Accession #	P51993; Q9UND8; A6NEX0; D6W637
Molecular Weight	41860
NCBI Official Full Name	alpha-(1,3)-fucosyltransferase 6
NCBI Official Synonym Full Names	fucosyltransferase 6 (alpha (1,3) fucosyltransferase)
NCBI Official Symbol	FUT6
NCBI Official Synonym Symbols	FT1A; FCT3A; Fuc-TVI; FucT-VI
NCBI Protein Information	alpha-(1,3)-fucosyltransferase 6
UniProt Protein Name	Alpha-(1,3)-fucosyltransferase 6

UniProt Gene Name	FUT6
UniProt Synonym Gene Names	FCT3A; Fuc-TVI; FucT-VI
UniProt Entry Name	FUT6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fut6-antibody-immunohistochemistry-western-blot-elisa/287525>