

Rabbit FUT8 Polyclonal Antibody | anti-FUT8 antibody

FUT8 Antibody (Center)

CATALOG # AAA288394	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Bovine, Mouse, Pig, Rat)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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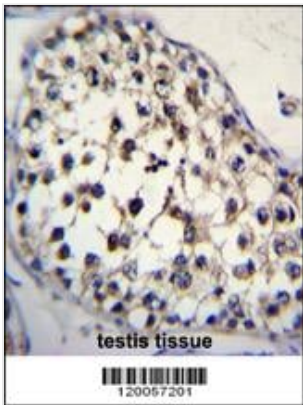
PRODUCT SYNONYMS

FUT8; Polyclonal Antibody; FUT8 Antibody (Center); Alpha-(1; 6)-fucosyltransferase; Alpha1-6FucT; Fucosyltransferase 8; GDP-L-Fuc:N-acetyl-beta-D-glucosaminide alpha1; 6-fucosyltransferase; GDP-fucose--glycoprotein fucosyltransferase; Glycoprotein 6-alpha-L-fucosyltransferase; anti-FUT8 antibody

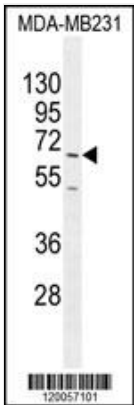
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FUT8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 329-357 amino acids from the Central region of human FUT8.
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: 0.46 (varies by lot)
Sequence Positions	329-357
Sequence Length	169
Applicable Applications for anti-FUT8 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
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.

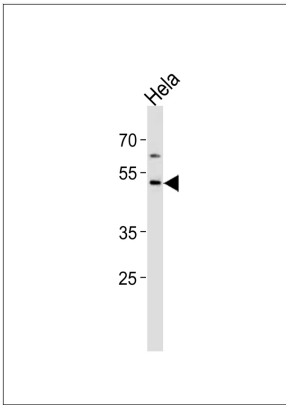
IMAGES



IHC (Immunohistochemisry)
FUT8 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of FUT8 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



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



WB (Western Blot)
Western blot analysis of lysate from HeLa cell line, using FUT8 Antibody (Center). AAA288394 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-FUT8 antibody	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.
Product Categories/Family for anti-FUT8 antibody	Crown Antibodies; Cancer; Metabolism; Signal Transduction
References	Rose, J. Phd, et al. Mol. Med. (2010) In press : Wang, X., et al. J. Biochem. 145(5):643-651(2009) Kudo, T., et al. Mol. Cancer 6, 32 (2007) : Ihara, H., et al. Glycobiology 16(4):333-342(2006) Ito, Y., et al. Cancer Lett. 200(2):167-172(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	332078497
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NCBI GeneID	2530
NCBI Accession #	NP_004471.4; NP_835368.1; NP_835369.1
NCBI GenBank Nucleotide #	NM_004480.4
UniProt Accession #	Q9BYC5; O00235; Q8IUA5; Q9BYC6; Q9P2U5; Q9P2U6; B4DFS7; G3V5N0
Molecular Weight	66516
NCBI Official Full Name	alpha-(1,6)-fucosyltransferase isoform b
NCBI Official Synonym Full Names	fucosyltransferase 8 (alpha (1,6) fucosyltransferase)
NCBI Official Symbol	FUT8
NCBI Protein Information	alpha-(1,6)-fucosyltransferase
UniProt Protein Name	Alpha-(1,6)-fucosyltransferase
UniProt Gene Name	FUT8
UniProt Synonym Gene Names	Alpha1-6FucT
UniProt Entry Name	FUT8_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/fut8-antibody-immunohistochemistry-western-blot-elisa/288394>