

Rabbit anti-Human, Rat FucT-IV Polyclonal Antibody | anti-FUT4 antibody

FucT-IV Antibody

CATALOG # AAA327513	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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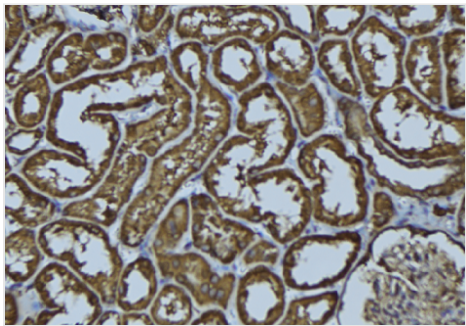
PRODUCT SYNONYMS

FucT-IV; Polyclonal Antibody; FucT-IV Antibody; 3-FAL; Alpha-3-fucosyltransferase; ELAM 1 ligand; ELAM ligand fucosyltransferase; ELAM-1 ligand fucosyltransferase; ELFT; FCT3A; FUC-TIV; fucosyltransferase 4 (alpha (1; 3) fucosyltransferase; myeloid-specific); Fucosyltransferase; fucosyltransferase IV; fucT-IV; FUTIV; galactoside 3-L-fucosyltransferase; Leu M1; Lewis X; LeX; SSEA-1; stage-specific embryonic antigen 1; anti-FUT4 antibody

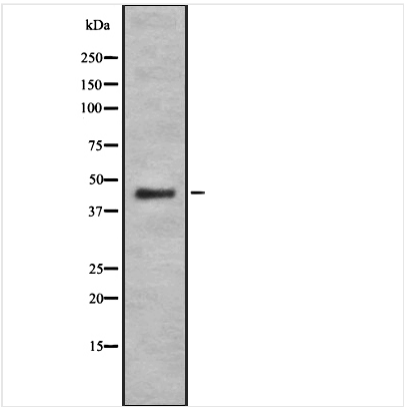
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	FucT-IV antibody detects endogenous levels of total FucT-IV
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	530
Applicable Applications for anti-FUT4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human FucT-IV
Subcellular Location	Golgi Apparatus > Golgi Stack Membrane. Membrane-bound form in trans cisternae of Golgi.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA327513 at 1/100 staining Rat kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis FucT-IV using HepG2 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-FUT4 antibody	Function: May catalyze alpha-1, 3 glycosidic linkages involved in the expression of Lewis X/SSEA-1 and VIM-2 antigens. Similarity: Belongs to the glycosyltransferase 10 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503811
NCBI GeneID	2526
NCBI Accession #	NP_002024.1
NCBI GenBank Nucleotide #	NM_002033.3
UniProt Accession #	P22083; B2RMS0
Molecular Weight	Observed: 45 kDa Predicted: 60 kDa
NCBI Official Full Name	alpha-(1,3)-fucosyltransferase 4
NCBI Official Synonym Full Names	fucosyltransferase 4
NCBI Official Symbol	FUT4
NCBI Official Synonym Symbols	LeX; CD15; ELFT; FCT3A; FUTIV; SSEA-1; FUC-TIV
NCBI Protein Information	alpha-(1,3)-fucosyltransferase 4
UniProt Protein Name	Alpha-(1,3)-fucosyltransferase 4
UniProt Gene Name	FUT4
UniProt Synonym Gene Names	ELFT; FCT3A; Fuc-TIV; FucT-IV

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.