

Rabbit anti-Human FUT2 Polyclonal Antibody | anti-FUT2 antibody

FUT2 Antibody

CATALOG # AAA327989	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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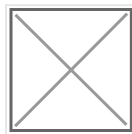
PRODUCT SYNONYMS

FUT2; Polyclonal Antibody; FUT2 Antibody; 2)FT 2; Alpha (1; 2) fucosyltransferase; Alpha(1; 2)FT2; B12QTL1; fucosyltransferase 2 (secretor status included); Fucosyltransferase 2; FUT2_HUMAN; Galactoside 2-alpha-L-fucosyltransferase 2; GDP-L-fucose:beta-D-galactoside 2-alpha-L-fucosyltransferase 2; SE; SE2; SEC2; Secretor blood group alpha-2-fucosyltransferase; Secretor factor; Sej; anti-FUT2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	FUT2 antibody detects endogenous levels of total FUT2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	343
Applicable Applications for anti-FUT2 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human FUT2, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis FUT2 using HT29 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-FUT2 antibody	Function: Mediates the transfer of fucose to the terminal galactose on glycan chains of cell surface glycoproteins and glycolipids (PubMed:7876235). The resulting epitope plays a role in cell-cell interaction including host-microbe interaction (PubMed:12692541, PubMed:8018146). Mediates interaction with intestinal microbiota influencing its composition (PubMed:21625510, PubMed:24733310, PubMed:22068912). Creates a soluble precursor oligosaccharide FuC-alpha ((1, 2)Galbeta-) called the H antigen which is an essential substrate for the final step in the soluble ABO blood group antigen synthesis pathway (PubMed:7876235). Similarity: Belongs to the glycosyltransferase 11 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1730125
NCBI GeneID	2524
UniProt Accession #	Q10981; Q0VAG5; Q14338; Q5D0G2
Molecular Weight	39 kDa
NCBI Official Full Name	Galactoside 2-alpha-L-fucosyltransferase 2
NCBI Official Synonym Full Names	fucosyltransferase 2
NCBI Official Symbol	FUT2
NCBI Official Synonym Symbols	SE; Se2; sej; SEC2; B12QTL1
NCBI Protein Information	galactoside 2-alpha-L-fucosyltransferase 2
UniProt Protein Name	Galactoside 2-alpha-L-fucosyltransferase 2
UniProt Gene Name	FUT2
UniProt Synonym Gene Names	SEC2; Se

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/fut2-antibody-western-blot-elisa/327989>