

Rabbit FUT1 Polyclonal Antibody | anti-FUT1 antibody

FUT1 Antibody (Center)

CATALOG # AAA285827	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Rabbit)	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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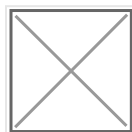
PRODUCT SYNONYMS

FUT1; Polyclonal Antibody; FUT1 Antibody (Center); Galactoside 2-alpha-L-fucosyltransferase 1; Alpha(1; 2)FT 1; Blood group H alpha 2-fucosyltransferase; Fucosyltransferase 1; GDP-L-fucose:beta-D-galactoside 2-alpha-L-fucosyltransferase 1; H; HSC; anti-FUT1 antibody

PRODUCT SPECIFICATIONS

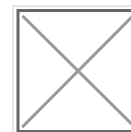
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Rabbit)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FUT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 164-195 amino acids from the Central region of human FUT1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	164-195
Sequence Length	365
Applicable Applications for anti-FUT1 antibody	FCM/FACS (Flow Cytometry), 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



FCM/FACS (Flow Cytometry)

FUT1 Antibody (Center) flow cytometric analysis of CEM cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

Western blot analysis of FUT1 antibody (Center) in CEM cell line lysates (35ug/lane). FUT1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-FUT1 antibody	FUT1 is a Golgi stack membrane protein that is involved in the creation of a precursor of the H antigen, which is required for the final step in the soluble A and B antigen synthesis pathway.
Product Categories/Family for anti-FUT1 antibody	Cardiovascular
References	Moehler,T.M., J. Cell. Physiol. 215 (1), 27-36 (2008) Moore,G.T., Mol. Immunol. 45 (8), 2401-2410 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503805
NCBI GeneID	2523
NCBI Accession #	NP_000139.1
NCBI GenBank Nucleotide #	NM_000148.3
UniProt Accession #	P19526; O14505; O14506; O14507
Molecular Weight	41251
NCBI Official Full Name	galactoside 2-alpha-L-fucosyltransferase 1
NCBI Official Synonym Full Names	fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, H blood group)
NCBI Official Symbol	FUT1
NCBI Official Synonym Symbols	H; HH; HSC
NCBI Protein Information	galactoside 2-alpha-L-fucosyltransferase 1
UniProt Protein Name	Galactoside 2-alpha-L-fucosyltransferase 1
UniProt Gene Name	FUT1
UniProt Synonym Gene Names	H; HSC
UniProt Entry Name	FUT1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/fut1-antibody-flow-cytometry-western-blot-elisa/285827>