

Rabbit anti-Human FUT1 Polyclonal Antibody | anti-FUT1 antibody

FUT1 Antibody

CATALOG # AAA29722	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
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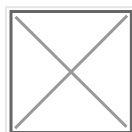
PRODUCT SYNONYMS

FUT1; Polyclonal Antibody; FUT1 Antibody; H; HH; HSC; anti-FUT1 antibody

PRODUCT SPECIFICATIONS

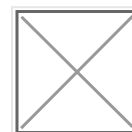
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total FUT1 protein.
Purity/Purification	Antigen affinity purification
Form/Format	Supplied in pH 7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration	0.8 mg/ml (varies by lot)
Sequence Length	365
Applicable Applications for anti-FUT1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:100
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human FUT1
Target Name	FUT1
Preparation and Storage	Store at -20 degrees C

IMAGES



IHC (Immunohistochemistry)

Predicted cell location: Cytoplasm Positive control: Human liver cancer Recommended dilution: 50-200 The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using (FUT1 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: 200



SDS-PAGE

Gel: 8% SDS-PAGE Lysate: 40 ug Lane 1-2: SKOV3 and HepG2 cell lysates Primary antibody: (FUT1 Antibody) at dilution 1/650 Secondary antibody: (HRP-conjugated Goat anti rabbit IgG) at 1/5000 dilution Exposure time: 5 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-FUT1 antibody	The protein encoded by this gene 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. This gene is one of two encoding the galactoside 2-L-fucosyltransferase enzyme. Mutations in this gene are a cause of the H-Bombay blood group.
Product Categories/Family for anti-FUT1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503805
NCBI GeneID	2523
NCBI Accession #	NP_000139
NCBI GenBank Nucleotide #	NM_000148.3
UniProt Accession #	P19526; O14505; O14506; O14507
Molecular Weight	SDS-PAGE MW: 41 kd
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.