

Rabbit anti-Human, Mouse HFE Polyclonal Antibody | anti-HFE antibody

HFE Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37157	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

HFE; Polyclonal Antibody; HFE Polyclonal Antibody; HH; HFE1; HLA-H; MVCD7; TFQTL2; MGC103790; dJ221C16.10.1; anti-HFE antibody

PRODUCT SPECIFICATIONS

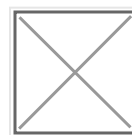
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	348
Applicable Applications for anti-HFE antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 80-306 of human HFE (NP_000401.1)
Category	Polyclonal Antibody
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Preparation and Storage	Store at -20 degree. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using HFE antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using HFE antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-HFE antibody

The protein encoded by this gene is a membrane protein that is similar to MHC class I-type proteins and associates with beta2-microglobulin (beta2M). It is thought that this protein functions to regulate iron absorption by regulating the interaction of the transferrin receptor with transferrin. The iron storage disorder, hereditary haemochromatosis, is a recessive genetic disorder that results from defects in this gene. At least nine alternatively spliced variants have been described for this gene. Additional variants have been found but their full-length nature has not been determined. [provided by RefSeq, Jul 2008]

Product Categories/Family for anti-HFE antibody	Polyclonal
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2497915
NCBI GeneID	3077
UniProt Accession #	Q30201; O75929; O75930; O75931; Q17RT0; Q96KU5; Q96KU6; Q96KU7; Q96KU8; Q9HC64; Q9HC68; B2CKL0
Molecular Weight	Observed MW: 50 kDa Calculated MW: 40kDa
NCBI Official Full Name	Hereditary hemochromatosis protein
NCBI Official Synonym Full Names	hemochromatosis
NCBI Official Symbol	HFE
NCBI Official Synonym Symbols	HH; HFE1; HLA-H; MVCD7; TFQTL2
NCBI Protein Information	hereditary hemochromatosis protein; high Fe; MHC class I-like protein HFE; hereditary hemochromatosis protein HLA-H
UniProt Protein Name	Hereditary hemochromatosis protein
UniProt Gene Name	HFE
UniProt Synonym Gene Names	HLAH
UniProt Entry Name	HFE_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/hfe-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/37157>