

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

HFE Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301086	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

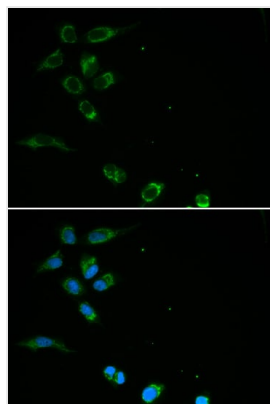
PRODUCT SYNONYMS

HFE; Polyclonal Antibody; HFE Antibody; HH; HFE1; HLA-H; MVCD7; TFQTL2; anti-HFE antibody

PRODUCT SPECIFICATIONS

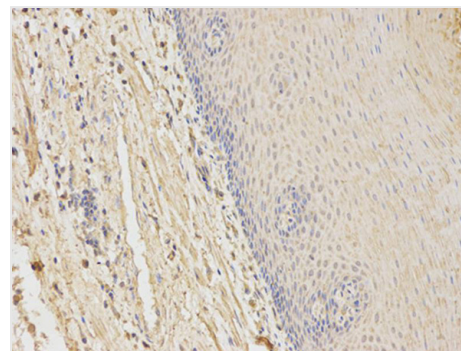
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total HFE protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	348
Applicable Applications for anti-HFE antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human HFE.
Target Name	HFE
Preparation and Storage	Store at -20 degree C

IMAGES



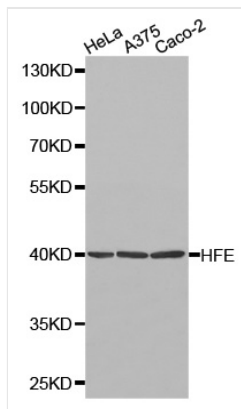
IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cell using HFE antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human esophagus using HFE antibody at dilution of 1:100 (200x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using HFE antibody.

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.
Product Categories/Family for anti-HFE antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504377
NCBI GeneID	3077
NCBI Accession #	NP_000401.1
NCBI GenBank Nucleotide #	NM_000410.3
UniProt Accession #	Q30201; O75929; O75930; O75931; Q17RT0; Q96KU5; Q96KU6; Q96KU7; Q96KU8; Q9HC64; Q9HC68; B2CKL0
Molecular Weight	SDS-PAGE: 40KD
NCBI Official Full Name	hereditary hemochromatosis protein isoform 1
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
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.