

Rabbit HFE Polyclonal Antibody | anti-HFE antibody

HFE Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289263	Rabbit	Human (Predicted Reactivity: Rat)	Immunohistochemistry, ELISA, Western Blot

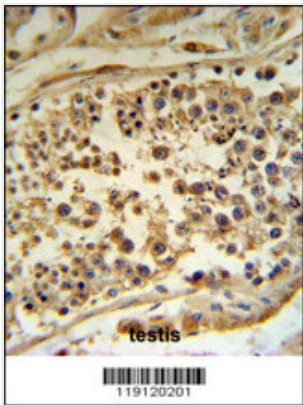
PRODUCT SYNONYMS

HFE; Polyclonal Antibody; HFE Antibody (Center); Hereditary hemochromatosis protein; HLA-H; HLAH; anti-HFE antibody

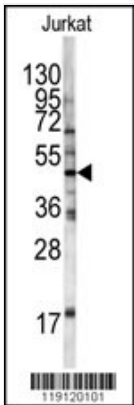
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HFE antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 122-148 amino acids from the Central region of human HFE.
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	122-148
Sequence Length	348
Applicable Applications for anti-HFE antibody	IHC (Immunohistochemistry), 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



IHC (Immunohiostchemistry)
HFE Antibody (Center) IHC analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the HFE Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



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

ADDITIONAL INFORMATION

Related Product Information for anti-HFE antibody	HFE 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 its gene.
Product Categories/Family for anti-HFE antibody	Metabolism; Signal Transduction
References	Valenti,L., Clin J Am Soc Nephrol 4 (8), 1331-1337 (2009) Won,J.E., Intervirology 52 (5), 239-246 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504377
NCBI GeneID	3077
NCBI Accession #	NP_000401.1; NP_620572.1; NP_620573.1; NP_620575.1; NP_620576.1; NP_620577.1; NP_620578.1; NP_620579.1; NP_620580.1
NCBI GenBank Nucleotide #	NM_000410.3
UniProt Accession #	Q30201; O75929; O75930; O75931; Q17RT0; Q96KU5; Q96KU6; Q96KU7; Q96KU8; Q9HC64; Q9HC68; B2CKL0
Molecular Weight	40108
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hfe-antibody-immunohistochemistry-western-blot-elisa/289263>