

Rabbit anti-Human HFE2 Polyclonal Antibody | anti-HFE2 antibody

HFE2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287383	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

HFE2; Polyclonal Antibody; HFE2 Antibody (Center); Hemojuvelin; Hemochromatosis type 2 protein; RGM domain family member C; HJV; RGMC; anti-HFE2 antibody

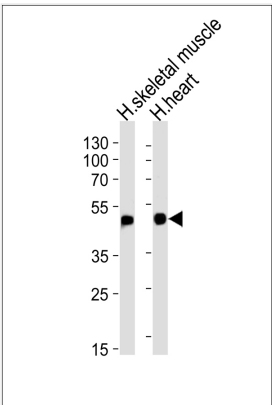
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HFE2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 134-162 amino acids from the Central region of human HFE2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	134-162
Sequence Length	200
Applicable Applications for anti-HFE2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
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)
HFE2 Antibody (Center) IHC analysis in formalin fixed and paraffin embedded skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the HFE2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysates from human skeletal muscle and heart tissue lysates (from left to right), using HFE2 Antibody (Center). AAA287383 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-HFE2 antibody	HFE2 is involved in iron metabolism. It may be a component of the signaling pathway which activates hepcidin or it may act as a modulator of hepcidin expression. It could also represent the cellular receptor for hepcidin.
Product Categories/Family for anti-HFE2 antibody	Developmental biology; Metabolism; Signal transduction
References	Zhu, X., et al. Genet. Epidemiol. 34(2):171-187(2010) Barton, J.C., et al. Am. J. Hematol. 84(11):710-714(2009) Zhang, A.S., et al. J. Biol. Chem. 284(34):22580-22589(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	44662823
NCBI GeneID	148738
NCBI Accession #	NP_660320.3; NP_973733.1; NP_998817.1; NP_998818.1
NCBI GenBank Nucleotide #	NM_145277.4
UniProt Accession #	Q6ZVN8; Q2PQ63; Q6IMF6; Q8NAH2; Q8WVJ5; B1ALI7
Molecular Weight	45080
NCBI Official Full Name	hemojuvelin isoform b
NCBI Official Synonym Full Names	hemochromatosis type 2 (juvenile)
NCBI Official Symbol	HFE2
NCBI Official Synonym Symbols	JH; HJV; RGMC; HFE2A
NCBI Protein Information	hemojuvelin
UniProt Protein Name	Hemojuvelin
UniProt Gene Name	HFE2
UniProt Synonym Gene Names	HJV; RGMC
UniProt Entry Name	RGMC_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/hfe2-antibody-western-blot-immunohistochemistry-elisa/287383>