

Datasheet for ABIN3021896
anti-HFE antibody (AA 80-306)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	HFE
Binding Specificity:	AA 80-306
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HFE antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 80-306 of human HFE (NP_000401.1).
Sequence:	SSQMWLQLSQ SLKGWDHMFT VDFWTIMENH NHSKESHTLQ VILGCEMQED NSTEGYWKYG YDQGDHLEFC PDTLDWRAAE PRAWPTKLEW ERHKIRARQN RAYLERDCPA QLQQLLELGR GVLDQQVPPL VKVTHHVTSS VTTLRCRALN YYPQNITMKW LKDKQPMDAK EFEPKDVLPN GDGTYQGWIT LAVPPGEEQR YTCQVEHPGL DQPLIVIWEP SPSGTLV
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

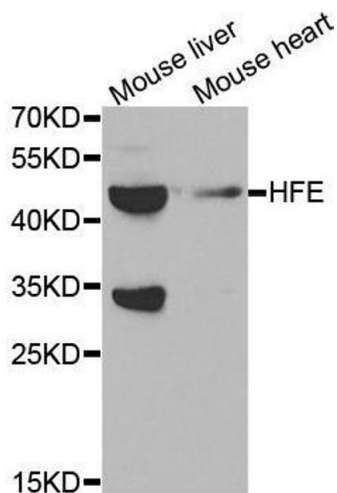
Target:	HFE
Alternative Name:	HFE (HFE Products)
Background:	The protein encoded by this gene is a membrane protein that is similar to MHC class I-type proteins and associates with beta2-microglobulin (beta2M). It is thought that this protein functions to regulate iron absorption by regulating the interaction 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.,HFE,HFE1,HH,HLA-H,MVCD7,TFQTL2,Signal Transduction,Endocrine & Metabolism,Neuroscience,Neurodegenerative Diseases Markers,Other Neurological disorders,Stem Cells,Hematopoietic Progenitors,Amyotrophic lateral sclerosis-ALS,HFE
Molecular Weight:	8 kDa/18 kDa/27-40 kDa
Gene ID:	3077
UniProt:	Q30201
Pathways:	Transition Metal Ion Homeostasis , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

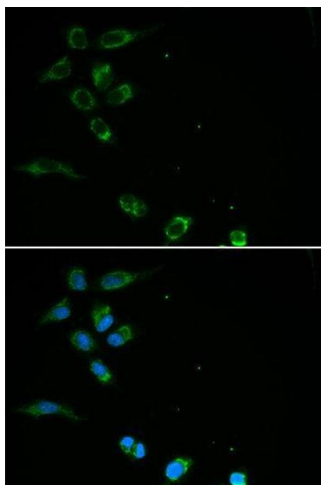
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various tissues, using HFE antibody.



Immunofluorescence

Image 2. Immunofluorescence analysis of MCF7 cell using HFE antibody. Blue: DAPI for nuclear staining.