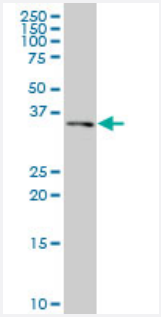
HFE2 polyclonal antibody (A01)

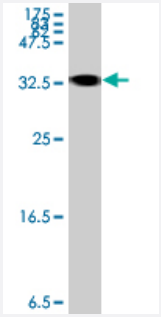
Catalog # H00148738-A01 Size 50 uL

Applications



Western Blot (Cell lysate)

HFE2 polyclonal antibody (A01), Lot # 060519JCS1 Western Blot analysis of HFE2 expression in U-2 OS (Cat # L022V1).



Western Blot detection against Immunogen (35.02 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant HFE2.
Immunogen	HFE2 (NP_973733, 93 a.a. ~ 173 a.a) partial recombinant protein with GST tag.
Sequence	GGCPPSQRLSRSERNRRGAITIDTARRLCKEGLPVEDAYFHSCVFDVLISGDPNFTVAAQAALED ARAFLPDLEKLHLFPS
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.02 KDa) .

Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

  HFE2 polyclonal antibody (A01), Lot # 060519JCS1 Western Blot analysis of HFE2 expression in U-2 OS (Cat # L022V1).

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — HFE2

Entrez GeneID	148738
GeneBank Accession#	NM_202004
Protein Accession#	NP_973733
Gene Name	HFE2
Gene Alias	HFE2A, HJV, JH, MGC23953, RGMC
Gene Description	hemochromatosis type 2 (juvenile)
Omim ID	602390 608374
Gene Ontology	Hyperlink
Gene Summary	The product of this gene 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. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. Defects in this gene are the cause of hemochromatosis type 2A, also called juvenile hemochromatosis (JH). JH is an early-onset autosomal recessive disorder due to severe iron overload resulting in hypogonadotrophic hypogonadism, hepatic fibrosis or cirrhosis and cardiomyopathy, occurring typically before age of 30. [provided by RefSeq
Other Designations	OTTHUMP00000015582|OTTHUMP00000015583|OTTHUMP00000059680|RGM domain family, member C|hemochromatosis type 2 protein|hemojuvelin

Publication Reference

- Regulation of Type II Transmembrane Serine Proteinase TMPRSS6 by Hypoxia-inducible Factors: NEW LINK BETWEEN HYPOXIA SIGNALING AND IRON HOMEOSTASIS.

  Lakhal S, Schodel J, Townsend AR, Pugh CW, Ratcliffe PJ, Mole DR.

  The Journal of Biological Chemistry 2011 Feb; 286(6):4090.

  Application: WB, Human, Hep3B cells

Disease

- Abortion
- Arthritis
- Bipolar Disorder
- Coronary Artery Disease
- Coronary Disease
- Crohn Disease
- Diabetes Mellitus
- Genetic Predisposition to Disease
- Hemochromatosis
- Hereditary hemochromatosis
- Hypertension
- Iron Metabolism Disorders
- Iron Overload