

HFE2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9699c**Specification**

HFE2 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q6ZVN8](#)**HFE2 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 148738**Other Names**

Hemojuvelin, Hemochromatosis type 2 protein, RGM domain family member C, HFE2, HJV, RGMC

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HFE2 Antibody (Center) Blocking Peptide - Protein Information**Name** HJV ([HGNC:4887](#))**Synonyms** HFE2, RGMC**Function**

Acts as a bone morphogenetic protein (BMP) coreceptor (PubMed:18976966). Through enhancement of BMP signaling regulates hepcidin (HAMP) expression and regulates iron homeostasis (PubMed:18976966).

Cellular Location

Cell membrane; Lipid-anchor, GPI- anchor. Note=Also released in the extracellular space

Tissue Location

Adult and fetal liver, heart, and skeletal muscle.

HFE2 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

HFE2 Antibody (Center) Blocking Peptide - Images

HFE2 Antibody (Center) Blocking Peptide - Background

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.

HFE2 Antibody (Center) Blocking Peptide - 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)