Datasheet for ABIN634556

anti-HFE antibody (N-Term)

Go to Product page

1 Image

Overview

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

Product Details

Immunogen:	HFE antibody was raised using the N terminal of HFE corresponding to a region with amino acids MGASEQDLGLSLFEALGYVDDQLFVFYDHESRRVEPRTPWVSSRISSQMW
Specificity:	HFE antibody was raised against the N terminal of HFE
Purification:	Affinity purified

Target Details

Target:	HFE
Alternative Name:	HFE (HFE Products)
Background:	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

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Target Details

	storage disorder, hereditary haemochromatosis, is a recessive genetic disorder that results from defects in its gene.
Molecular Weight:	40 kDa (MW of target protein)
Pathways:	Transition Metal Ion Homeostasis, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	HFE Blocking Peptide, catalog no. 33R-6012, is also available for use as a blocking control in assays to test for specificity of this HFE antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of HFE antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

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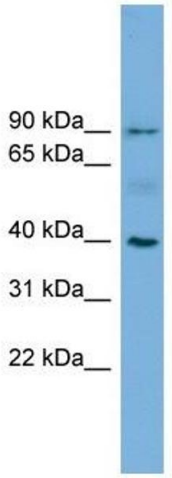

Western Blotting

Image 1. HFE antibody used at 1 ug/ml to detect target protein.

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