

HFE Polyclonal Antibody

Catalog NumberPA5-13482

Product data sheet

Details		Species Reactivity	
Size	400 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100
Type	Antibody	Western Blot (WB)	1:1,000
Immunogen	KLH conjugated synthetic peptide between 122-148 amino acids from the central region of human HFE	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	2 mg/mL		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

This antibody is predicted to react with rat based on sequence homology.

Background/Target Information

The protein encoded by this gene is a membrane protein that is similar to MHC class I-type proteins and associates with beta2-microglobulin. 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.

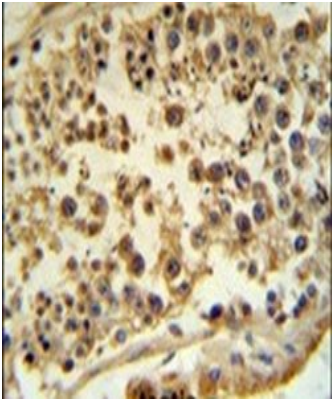
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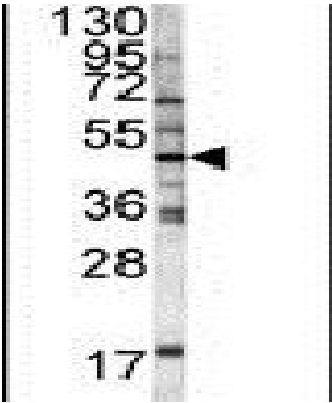
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Product Images For HFE Polyclonal Antibody



HFE Antibody (PA5-13482) in IHC
Immunohistochemistry analysis in formalin-fixed, paraffin-embedded human testis tissue using a HFE polyclonal antibody (Product # PA5-13482), followed by HRP-conjugated secondary antibody and DAB staining.



HFE Antibody (PA5-13482) in WB
Western blot analysis using a HFE polyclonal antibody (Product # PA5-13482) in Jurkat cell lysates (35 µg per lane).

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