

For Research Use Only

Hemopexin Polyclonal antibody

Catalog Number: 15736-1-AP **4 Publications**



Basic Information

Catalog Number: 15736-1-AP	GenBank Accession Number: BC005395	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3263	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	UNIPROT ID: P02790	
Isotype: IgG	Full Name: hemopexin	
Immunogen Catalog Number: AG8533	Calculated MW: 254 aa, 29 kDa	
	Observed MW: 65-75 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human blood tissue, mouse serum, human plasma
Cited Applications: WB, IF, IHC	
Species Specificity: human, mouse	
Cited Species: human, rat, mouse	

Background Information

Hemopexin (HPX) is the plasma protein responsible for scavenging heme, thus preventing heme-mediated oxidative stress and heme-bound iron loss. In addition, hemopexin blocks heme activation of immune receptors and vascular inflammatory processes. It is mainly expressed in liver, the synthesis of which is induced after inflammation. Alterations of plasma hemopexin level have been linked to disorders like atherosclerosis and inflammatory diseases.

Notable Publications

Author	Pubmed ID	Journal	Application
Yanxia Jin	26908325	Br J Cancer	WB
Xianjun Sun	31237037	J Cell Biochem	IHC
Nurul Jannah Mohamed Nasir	37267120	Elife	IF

Storage

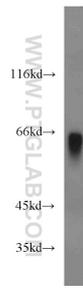
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

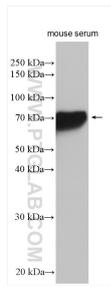
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



human blood were subjected to SDS PAGE followed by western blot with 15736-1-AP (Hemopexin antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



mouse serum were subjected to SDS PAGE followed by western blot with 15736-1-AP (Hemopexin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.