

For Research Use Only

# Hemopexin Polyclonal antibody

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



## Basic Information

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

## Applications

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|--|--|
| <b>Tested Applications:</b><br>WB, ELISA   | <b>Positive Controls:</b><br>WB : human blood tissue, human placenta tissue, human plasma, mouse serum |
| <b>Cited Applications:</b><br>IF, IHC, WB  |  |
| <b>Species Specificity:</b><br>human       |  |
| <b>Cited Species:</b><br>human, mouse, rat |  |

## 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

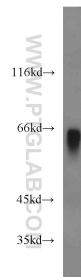
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

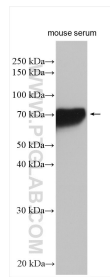
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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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.