10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Hemopexin Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10696

Specification

Hemopexin Antibody - Product Information

Application	**WB**
Primary Accession	Q91X72
Other Accession	EDL16781
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**51318**

Hemopexin Antibody - Additional Information

Gene ID 15458

Application & Usage	**Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. The antibody recognizes ~68 kDa of Hemopexin in samples from human, mouse and rat origins. Reactivity to other species has not been tested.**

Other Names
HPX

Target/Specificity
Hemopexin

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
200 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

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Background Descriptions

Precautions
Hemopexin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Hemopexin Antibody - Protein Information

Name Hpx

Synonyms Hpxn

Function
Binds heme and transports it to the liver for breakdown and iron recovery, after which the free hemopexin returns to the circulation.

Cellular Location
Secreted.

Tissue Location
Expressed by the liver and secreted in plasma.

Hemopexin Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Hemopexin Antibody - Images

Hemopexin Antibody - Background

Hemopexin (HPX) is a plasma protein that has the highest binding affinity for heme. HPX prevents heme-mediated oxidative stress and heme-bound iron loss by transporting heme to the liver for breakdown.