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Datasheet for ABIN458095  
**anti-Hemopexin antibody**

### Overview

Quantity:	1 mL
Target:	Hemopexin (HPX)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Hemopexin antibody is un-conjugated
Application:	ELISA, Immunodiffusion (ID), Radial Immunodiffusion (RID), Immunoelectrophoresis (IEP), Nephelometry (Neph)

### Product Details

Immunogen:	Hemopexin is a haem-binding beta-globulin present in normal serum at a concentration of 0.8 to 1.0 mg/ml. Its molecular weight is 57,000. The carbohydrate content is 23%. It consists of one polypeptide chain. Purified hemopexin isolated from pooled human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Specificity:	Inter-species cross-reactivity is a normal feature of antibodies to serum proteins, since homologous proteins of different species frequently share antigenic determinants. of this antiserum has not been tested in detail. In double radial immunodiffusion no reaction has been observed with rat and mouse.
Characteristics:	Precipitating polyclonal rabbit antiserum to human hemopexin
Purification:	Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required, to eliminate

## Product Details

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antibodies reacting with other serum proteins. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.

## Target Details

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Target:	Hemopexin (HPX)
Alternative Name:	Hemopexin ( <a href="#">HPX Products</a> )
Background:	The reactivity of the antiserum is restricted to hemopexin as tested in immunoelectro-phoresis and radial immunodiffusion. A characteristic single precipitin line is obtained with normal serum which shows a reaction of identity with the precipitin line with purified hemopexin
Pathways:	<a href="#">Transition Metal Ion Homeostasis</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a>

## Application Details

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Application Notes:	In precipitating techniques as immunoelectrophoresis and single and double radial immunodiffusion to identify the presence hemopexin in human serum or other body fluids and to determine its concentration. This antiserum has not been tested in more sensitive assays as nephelometry, ELISA or use in immunohistology, but this does not exclude such use if proper controls are included.
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Concentration:	Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal rabbit serum. No foreign proteins added. Antibody titre: Precipitin titre 1:32 when tested against pooled normal human serum in agar-block immunodiffusion titra
Buffer:	Delipidated, heat inactivated, lyophilized, stable whole antiserum
Preservative:	Without preservative
Storage:	4 °C/-20 °C
Storage Comment:	The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C, prolonged storage at or below -20°C. Reconstitute the lyophilized antiserum by adding 1 ml

sterile distilled water. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the antiserum. Diluted antiserum should be stored at +4°C, not refrozen, and preferably used the same day.