

**HPR Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11111c****Specification**

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**HPR Antibody (Center) Blocking peptide - Product Information**

Primary Accession [P00739](#)

**HPR Antibody (Center) Blocking peptide - Additional Information**

**Gene ID** 3250

**Other Names**

Haptoglobin-related protein, HPR

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**HPR Antibody (Center) Blocking peptide - Protein Information**

**Name** HPR

**Function**

Primate-specific plasma protein associated with apolipoprotein L-I (apoL-I)-containing high-density lipoprotein (HDL). This HDL particle, termed trypanosome lytic factor-1 (TLF-1), mediates human innate immune protection against many species of African trypanosomes. Binds hemoglobin with high affinity and may contribute to the clearance of cell-free hemoglobin to allow hepatic recycling of heme iron.

**Cellular Location**

Secreted. Note=Secreted into blood plasma and associated with subtypes of high density lipoproteins (HDL).

**Tissue Location**

In adult liver the amount of HPR mRNA is at the lower limit of detection, therefore the extent of its expression is at most less than 1000-fold that of the HP1F gene. No HPR mRNA can be detected in fetal liver. Expressed in Hep-G2 and leukemia MOLT-4 cell lines.

**HPR Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **HPR Antibody (Center) Blocking peptide - Images**

#### **HPR Antibody (Center) Blocking peptide - Background**

Ubiquitous transcription factor required for a diverse set of processes. It is a component of the CCR4 complex involved in the control of gene expression (By similarity).

#### **HPR Antibody (Center) Blocking peptide - References**

Bailey, S.D., et al. Diabetes Care (2010) In press :Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Harrington, J.M., et al. J. Biol. Chem. 284(20):13505-13512(2009)Widener, J., et al. PLoS Pathog. 3(9):1250-1261(2007)Vanhollebeke, B., et al. Proc. Natl. Acad. Sci. U.S.A. 104(10):4118-4123(2007)