

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

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)