

HPX Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP6653c**Specification**

HPX Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P02790](#)**HPX Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 3263**Other Names**

Hemopexin, Beta-1B-glycoprotein, HPX

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6653c](/products/AP6653c) was selected from the Center region of human HPX. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

HPX Antibody (Center) Blocking Peptide - Protein Information**Name** HPX**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.

HPX Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HPX Antibody (Center) Blocking Peptide - Images

HPX Antibody (Center) Blocking Peptide - Background

HPX is a plasma glycoprotein that binds heme with high affinity. The protein is an acute phase protein that transports heme from the plasma to the liver and may be involved in protecting cells from oxidative stress.

HPX Antibody (Center) Blocking Peptide - References

Ascenzi,P., IUBMB Life 59 (11), 700-708 (2007)