

Anti-HP / Haptoglobin Antibody

Goat Anti Human Polyclonal Antibody Catalog # ALS17332

Specification

Anti-HP / Haptoglobin Antibody - Product Information

Application WB, IHC-P, E, IP, ID, FC

Primary Accession
Predicted
Human
Host
Clonality
Calculated MW
P00738
Human
Goat
Polyclonal
45205

Dilution WB~~1:1000

IHC-P~~N/A E~~N/A IP~~N/A ID~~N/A FC~~1:10~50

Anti-HP / Haptoglobin Antibody - Additional Information

Gene ID 3240

Alias Symbol HP

Other Names

HP, Binding peptide, Haptoglobin alpha(1S)-beta, Haptoglobin, beta polypeptide, Haptoglobin, Haptoglobin alpha(2FS)-beta, Haptoglobin, alpha polypeptide, HP2ALPHA2, BP, Zonulin, HPA1S

Target/Specificity Human Haptoglobin

Reconstitution & Storage

10 mM sodium phosphate, 0.15 M sodium chloride, pH 7.2, 0.05% sodium azide. Store at 2-8°C

Precautions

Anti-HP / Haptoglobin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-HP / Haptoglobin Antibody - Protein Information

Name HP

Function

As a result of hemolysis, hemoglobin is found to accumulate in the kidney and is secreted in the urine. Haptoglobin captures, and combines with free plasma hemoglobin to allow hepatic recycling of heme iron and to prevent kidney damage. Haptoglobin also acts as an antioxidant, has antibacterial activity, and plays a role in modulating many aspects of the acute phase response. Hemoglobin/haptoglobin complexes are rapidly cleared by the macrophage CD163 scavenger



receptor expressed on the surface of liver Kupfer cells through an endocytic lysosomal degradation pathway.

Cellular Location Secreted.

Tissue Location

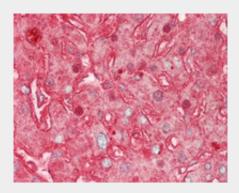
Expressed by the liver and secreted in plasma.

Anti-HP / Haptoglobin Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-HP / Haptoglobin Antibody - Images



Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)