

# Anti-HP / Haptoglobin Antibody

Goat Anti Human Polyclonal Antibody

Catalog # ALS17332

## Product Information

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|                              |                          |
|------------------------------|--------------------------|
| <b>Application</b>           | WB, IHC-P, E, IP, ID, FC |
| <b>Primary Accession</b>     | <a href="#">P00738</a>   |
| <b>Predicted</b>             | Human                    |
| <b>Host</b>                  | Goat                     |
| <b>Clonality</b>             | Polyclonal               |
| <b>Calculated MW</b>         | 45205                    |
| <b>Concentration (mg/ml)</b> | 1 mg/ml                  |

## Additional Information

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|-------------------------------------|---|
| <b>Gene ID</b>                      | 3240  |
| <b>Alias Symbol</b>                 | HP  |
| <b>Other Names</b>                  | HP, Binding peptide, Haptoglobin alpha(1S)-beta, Haptoglobin, beta polypeptide, Haptoglobin, Haptoglobin alpha(2FS)-beta, Haptoglobin, alpha polypeptide, HP2ALPHA2, BP, Zonulin, HPA1S |
| <b>Target/Specificity</b>           | Human Haptoglobin   |
| <b>Reconstitution &amp; Storage</b> | 10 mM sodium phosphate, 0.15 M sodium chloride, pH 7.2, 0.05% sodium azide. Store at 2-8°C  |
| <b>Precautions</b>                  | Anti-HP / Haptoglobin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.  |

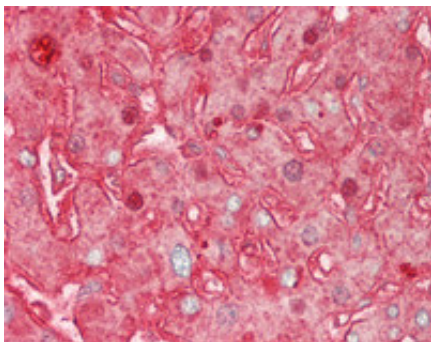
## Protein Information

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|                          |   |
|--------------------------|---|
| <b>Name</b>              | HP  |
| <b>Function</b>          | 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. |
| <b>Cellular Location</b> | Secreted.   |
| <b>Tissue Location</b>   | Expressed by the liver and secreted in plasma.  |

## Images

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.