

Anti-Haptoglobin HP Rabbit Monoclonal Antibody

Catalog # ABO14103

Product Information

Application	WB
Primary Accession	P00738
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Haptoglobin HP Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	3240
Other Names	Haptoglobin, Zonulin, Haptoglobin alpha chain, Haptoglobin beta chain, HP
Calculated MW	45205
Application Details	WB 1:500-1:2000
Subcellular Localization	Secreted.
Tissue Specificity	Expressed by the liver and secreted in plasma.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: AACE-8
Immunogen	A synthesized peptide derived from human Haptoglobin
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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.

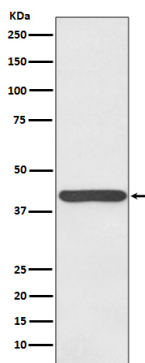
Cellular Location

Secreted.

Tissue Location

Expressed by the liver and secreted in plasma.

Images



Western blot analysis of Haptoglobin expression in human plasma lysate.

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