

Rabbit anti-Mouse, Rat Haptoglobin Polyclonal Antibody | anti-Hp antibody

Haptoglobin Polyclonal Antibody

CATALOG # AAA308713	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Haptoglobin; Polyclonal Antibody; Haptoglobin Polyclonal Antibody; Liver regeneration-related protein LRRG173; Zonulin; Hp; Ba1-647; anti-Hp antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total Haptoglobin polyclonal antibody.
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	347
Applicable Applications for anti-Hp antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant rat Haptoglobin protein
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse liver using at dilution of 1:50.


WB (Western Blot)

All lanes: Haptoglobin antibody at 2ug/ml+Rat live tissue

ADDITIONAL INFORMATION

Related Product Information for anti-Hp antibody	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. ncleaved haptoglobin, also known as zonulin, plays a role in intestinal permeability, allowing intercellular tight junction disassembly, and controlling the equilibrium between tolerance and immunity to non-self antigens.
Product Categories/Family for anti-Hp antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	60097941
NCBI GeneID	24464
NCBI Accession #	NP_036714.2
NCBI GenBank Nucleotide #	NM_012582.2
UniProt Accession #	P06866; Q5EBB4; Q7TP23
Molecular Weight	42,475 Da
NCBI Official Full Name	haptoglobin
NCBI Official Synonym Full Names	haptoglobin
NCBI Official Symbol	Hp
NCBI Official Synonym Symbols	Ba1-647
NCBI Protein Information	haptoglobin
UniProt Protein Name	Haptoglobin
UniProt Gene Name	Hp
UniProt Entry Name	HPT_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/haptoglobin-antibody-immunohistochemistry-western-blot-elisa/308713>