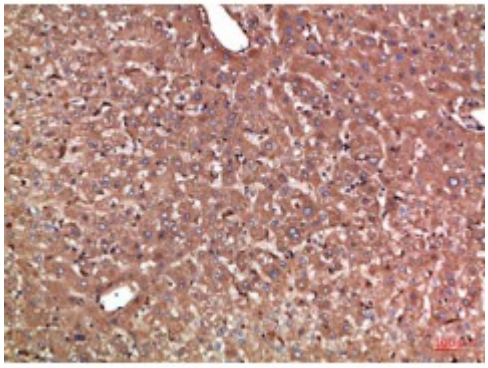
Anti-Haptoglobin antibody



Description	Rabbit polyclonal to Haptoglobin.

Model	STJ98976
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthetic peptide from human Haptoglobin protein.
Immunogen Region	300-360 aa
Gene ID	3240
Gene Symbol	HP
Dilution range	WB 1:500-2000ELISA 1:10000-20000
Specificity	The antibody detects endogenous Haptoglobin .
Tissue Specificity	Expressed by the liver and secreted in plasma.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Haptoglobin Zonulin Haptoglobin alpha chain Haptoglobin beta chain
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:5141OMIM:140100
Alternative Names	Haptoglobin Zonulin Haptoglobin alpha chain Haptoglobin beta chain
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 Antimicrobial; Antioxidant, has antibacterial activity and plays a role in modulating many aspects of the acute phase response. Hemoglobin/haptoglobin complexes are rapidely cleared by the macrophage CD163 scavenger receptor expressed on the surface of liver Kupfer cells through an endocytic lysosomal degradation pathway. Uncleaved haptoglogin, 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.
Cellular Localization	Secreted.

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