

Mouse anti-Human, Pig HP Monoclonal Antibody | anti-HP antibody

HP Mouse Monoclonal

CATALOG # AAA247936	HOST Mouse	REACTIVITY Human, Pig	APPLICATIONS Western Blot, ELISA
-------------------------------	----------------------	---------------------------------	--

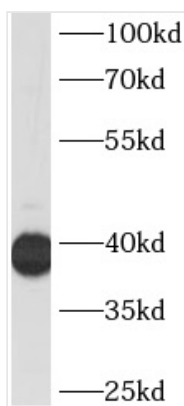
PRODUCT SYNONYMS

HP; Monoclonal Antibody; HP Mouse Monoclonal; anti-HP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	7C8
Purity/Purification	≥95% as determined by SDS-PAGE Protein A+G purification
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3
Sequence Length	228
Applicable Applications for anti-HP antibody	WB (Western Blot), ELISA
Immunogen	Haptoglobin
Preparation and Storage	Store at -20 degree C for 12 months. (Avoid repeated freeze / thaw cycles.)

IMAGES



WB (Western Blot)

0.5 ul human plasma was subjected to SDS PAGE followed by western blot with AAA247936 (HP Antibody) at dilution of 1:20000

ADDITIONAL INFORMATION

Related Product Information for anti-HP antibody	Background: 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 rapidly cleared by the macrophage CD163 scavenger receptor expressed on the surface of liver Kupfer cells through an endocytic lysosomal degradation pathway. Uncleaved 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 antigen.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	116283570
NCBI GeneID	3240
Molecular Weight	42 kDa
NCBI Official Full Name	HP protein
NCBI Official Synonym Full Names	haptoglobin
NCBI Official Symbol	HP
NCBI Official Synonym Symbols	BP; HPA1S; HP2ALPHA2
NCBI Protein Information	haptoglobin
UniProt Protein Name	Haptoglobin
UniProt Gene Name	HP
UniProt Entry Name	HPT_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/hp-antibody-clone-7c8-western-blot-elisa/247936>