



# Anti-Haptoglobin polyclonal antibody (DPABH-21910)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Haptoglobin combines with free plasma hemoglobin, preventing loss of iron through the kidneys and protecting the kidneys from damage by hemoglobin, while making the hemoglobin accessible to degradative enzymes.
<b>Target</b>	Haptoglobin
<b>Immunogen</b>	Purified Human Haptoglobin.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P
<b>Format</b>	Liquid
<b>Size</b>	50 µl
<b>Buffer</b>	pH: 7.20; Constituents: 0.14% Sodium phosphate, 0.88% Sodium chloride
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">HP haptoglobin [ Homo sapiens ]</a>
Official Symbol	HP
Synonyms	HP; haptoglobin; BP; HPA1S; HP2ALPHA2; zonulin; binding peptide; haptoglobin alpha(1S)-beta; haptoglobin alpha(2FS)-beta; haptoglobin, beta polypeptide; haptoglobin, alpha polypeptide;
Entrez Gene ID	<a href="#">3240</a>
Protein Refseq	<a href="#">NP_001119574.1</a>
UniProt ID	<a href="#">P00738</a>
Pathway	Binding and Uptake of Ligands by Scavenger Receptors; amb2 Integrin signaling;
Function	antioxidant activity; catalytic activity; hemoglobin binding; protein binding