

## Goat anti-HP beta chain Antibody

Item Number	dAP-2503
Target Molecule	Principle Name: HP beta chain; Official Symbol: HP; All Names and Symbols: HP; haptoglobin; BP; HP2AL- PHA2; HPA1S; MGC111141; binding peptide; haptoglobin alpha(1S)-beta; haptoglobin alpha(2FS)-beta; haptoglobin, alpha polypeptide; haptoglobin, beta polypeptide; Accession Number (s): NP_005134.1; NP_001119574.1; Human Gene ID(s): 3240; Non-Human GenelD(s):
Immunogen	STVPEKKTPKSP, is from internal region This antibody is expected to recognize both reported isoforms (NP_005134.1; NP_001119574.1).
Applications	Pep ELISA, WB Species Tested: Human, Pig
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: Approx 37+40kDa bands observed in Human Liver lysates and 40kDa in Pig Liver lysates (calculated MW of 45.2kDa according to NP_005134.1 and 38.5kDa according to NP_001119574.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Sammour RN, Nakhoul FM, Levy AP, Miller-Lotan R, Nakhoul N, Awad HR, Gonen R, Ohel G. Haptoglobin phenotype in women with preeclampsia. <i>Endocrine</i> . 2010 Oct;38(2):303-8. PMID: 20972727->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**