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EB11196 - Goat Anti-HP beta chain Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: binding peptide, BP, haptoglobin, haptoglobin alpha(1S)-beta, haptoglobin alpha(2FS)-beta, haptoglobin, alpha polypeptide, haptoglobin, beta polypeptide, HP2ALPHA2, HPA1S, MGC111141, HP
Official Symbol: HP
Accession Number(s): NP_005134.1; NP_001119574.1
Human GeneID(s): 3240
Important Comments: This antibody is expected to recognize both reported isoforms (NP_005134.1; NP_001119574.1).

Immunogen

Peptide with sequence C-STVPEKKTPKSP, from the internal region of the protein sequence according to NP_005134.1; NP_001119574.1.

Please note the peptide is available for sale.

Purification and Storage

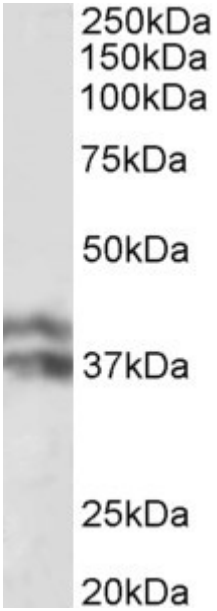
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

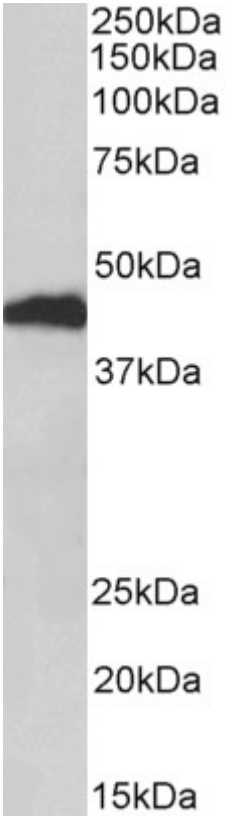
Peptide ELISA: antibody detection limit dilution 1:8000.
Western blot: Approx 37+40kDa bands observed in Human Liver lysates and 40kDa in Pig Liver lysates (calculated MW of 45.2kDa according to NP_005134.1 and 38.5kDa according to NP_001119574.1). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human, Pig
Expected from sequence similarity: Human, Dog, Pig



EB11196 (0.1µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB11196 (1µg/ml) staining of Pig Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.