## International Office

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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

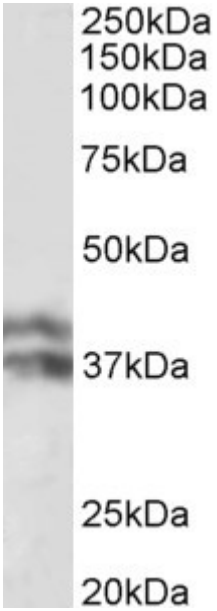
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

## Applications Tested

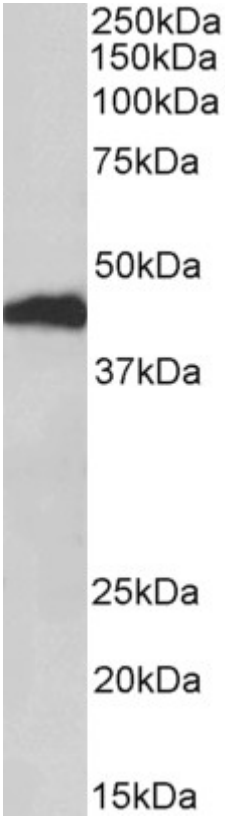
**Peptide ELISA:** antibody detection limit dilution 1:8000.
**Western blot:** Approx 37+40kDa bands observed in Human Liver lysates and 40kDa in Pig Liver lysates (calculated MW of 45.2kDa according to NP_005134.1 and 38.5kDa according to NP_001119574.1). Recommended concentration: 0.1-0.3µg/ml.

## 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.