



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB07528 - Goat Anti-HAP1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** HAP1, huntingtin-associated protein 1 (neuroan 1), HAP2, HIP5, HLP, hHLP1, huntingtin-associated protein 1, huntingtin-associated protein 2, neuroan 1

**Official Symbol:** HAP1

**Accession Number(s):** NP\_003940.2; NP\_817084.1

**Human GeneID(s):** [9001](#)

**Important Comments:** This antibody is expected to recognize all reported isoforms (NP\_003940.1, NP\_817084.1)

### Immunogen

Peptide with sequence C-RYDFRYSEDREQ, from the internal region of the protein sequence according to NP\_003940.2; NP\_817084.1.

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 1:32000.

**Western blot:** Approx 70kDa band observed in Human Brain (Frontal Cortex and Hippocampus) lysates (calculated MW of 69.6kDa according to NP\_817084.1).

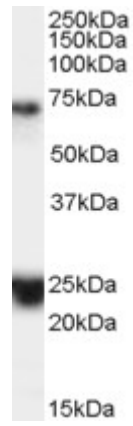
Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour. An additional band of unknown identity was also consistently observed at 25kDa. This band was successfully blocked by incubation with the immunising peptide.

**IHC:** Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75µg/ml.

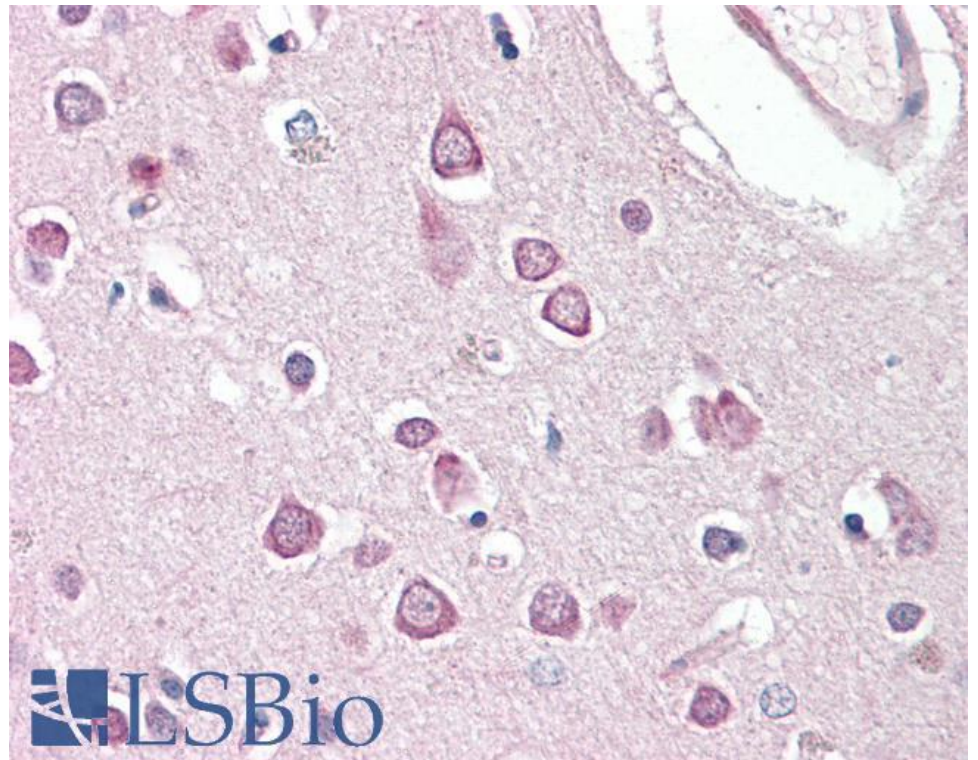
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB07528 (0.1 $\mu$ g/ml) staining of Human Brain (Hippocampus) lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB07528 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.