

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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).

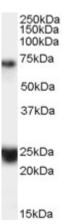
Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour. An additional band of unknown identity was also consistently observed at 25kDa. This band was successfully blocked by incubation with the immunising peptide.

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

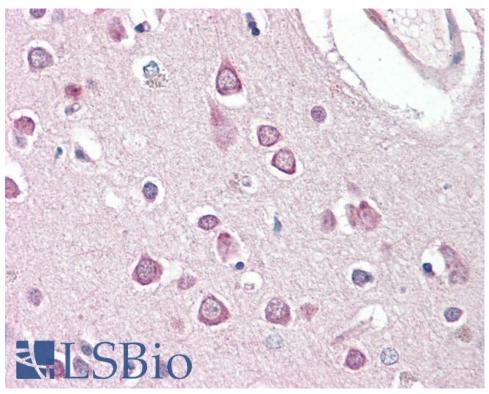
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



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



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