

#### **International Office**

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# EB10219 - Goat Anti-UCHL1 (aa 58-68) Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** neuron cytoplasmic protein 9.5, PARK5, PGP9.5, PGP95, ubiquitin carboxyl-terminal esterase L1, ubiquitin carboxyl-terminal esterase L1 (ubiquitin

thiolesterase), ubiquitin C-terminal hydrolase, Uch-L1, UCHL1

Official Symbol: UCHL1

Accession Number(s): NP\_004172.2

Human GeneID(s): 7345

Non-Human GenelD(s): 22223 (mouse), 29545 (rat)

### **Immunogen**

Peptide with sequence C-QHENFRKKQIE, from the internal region of the protein sequence according to NP\_004172.2.

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 1:16000.

**Western blot:** Approx 26kDa band observed in Human Brain (Cerebellum and Hippocampus) and Mouse and Rat Brain lysates (calculated MW of 24.8kDa according to Human NP\_004172.2, Mouse NP\_035800.2 and Rat NP\_058933.2). Recommended concentration: 0.01-0.03µg/ml.

IHC: Paraffin embedded Human Brain (Cortex). Recommended concentration: 2.5µg/ml.

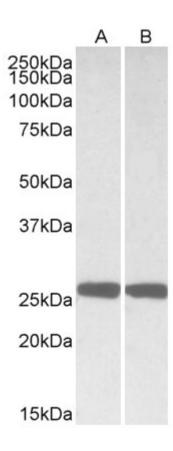
#### **Species Reactivity**

Tested: Human, Mouse, Rat

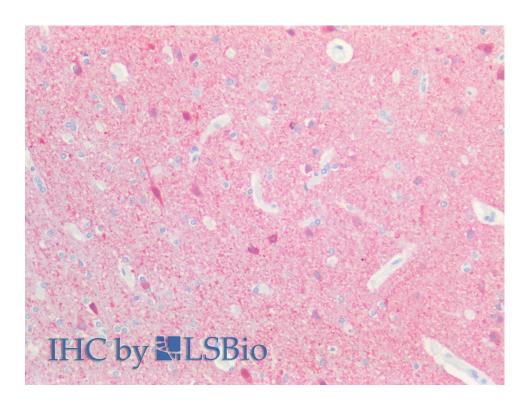
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB10219 ( $0.01\mu g/ml$ ) staining of Human Hippocampus lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB10219 (0.01μg/ml) staining of Mouse (A) and Rat (B) Brain lysates (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB10219 (2.5μg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.