

## UK Office

### Everest Biotech Ltd

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

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

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

## EB09447 - Goat Anti-PACAP Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ADCYAP1, adenylate cyclase activating polypeptide 1 (pituitary), MGC126852, PACAP, OTTHUMP00000162201, adenylate cyclase activating polypeptide

**Official Symbol:** ADCYAP1

**Accession Number(s):** NP\_001108.2

**Human GeneID(s):** [116](#)

**Non-Human GeneID(s):** 11516 (mouse), 24166 (rat)

**Important Comments:** Reported variants represent identical protein: NP\_001093203.1, NP\_001108.2.

### Immunogen

Peptide with sequence C-GKRYKQRVKNKGRR, from the C Terminus of the protein sequence according to NP\_001108.2.

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 1:2000.

**Western blot:** Approx 25kDa band observed in Human Brain (Cerebral Cortex, Cerebellum and Hippocampus) lysates (calculated MW of 18.8kDa according to NP\_001108.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

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

EB09447 (1µg/ml) staining of Human Hippocampus lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.