

## 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.**

## EB06122 - Goat Anti-CENTB1 / ACAP1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ACAP1, CENTB1, centaurin, beta 1, KIAA0050, KIAA0050 gene product, Arf GAP with coiled coil, ANK repeat and PH domains 1, ArfGAP with coiled-coil, ankyrin repeat and PH domains 1, centaurin, beta 1

**Official Symbol:** ACAP1

**Accession Number(s):** NP\_055531.1

**Human GeneID(s):** [9744](#)

**Non-Human GeneID(s):** 216859 (mouse)

### Immunogen

Peptide with sequence C-EKLSRRSHDLHTL, from the C Terminus of the protein sequence according to NP\_055531.1.

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 80kDa band observed in Jurkat lysates (calculated MW of 81.5kDa according to NP\_055531.1). Recommended for use at 0.3-1µg/ml.

**Additional validation:** This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.

### Species Reactivity

**Tested:** Human

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

### Specific Reference

**This antibody has been successfully used in the following paper:**

Krzysztof Sikorski, Adi Mehta, Marit Inngjerdigen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen

A high-throughput pipeline for validation of antibodies

Nat Methods. 2018 Nov;15(11):909-912

PMID: 30377371



EB056122 staining (0.5 $\mu$ g/ml) of Jurkat lysate (RIPA buffer, 35 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.