



## UK Office

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

## EB06123 - Goat Anti-CENTB2 / ACAP2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ACAP2, CENTB2, centaurin, beta 2, CNT-B2, KIAA0041, centaurin beta2, Arf GAP with coiled coil, ANK repeat and PH domains 2, ArfGAP with coiled-coil, ankyrin repeat and PH domains 2

**Official Symbol:** ACAP2

**Accession Number(s):** NP\_036419.3

**Human GeneID(s):** [23527](#)

**Non-Human GeneID(s):** 78618 (mouse)

### Immunogen

Peptide with sequence C-EKLNRFQQDSQKF, from the C Terminus of the protein sequence according to NP\_036419.3.

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.

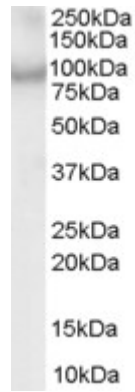
**Western blot:** Approx 90kDa band observed in Mouse and Rat Lung lysates and in lysates of cell lines MOLT4 and NIH3T3 (calculated MW of 88.1kDa according to Human NP\_036419 and 87.2kDa according to Mouse NP\_084414.1 and Rat NP\_001029178.1). Recommended concentration: 0.3-1µg/ml.

**IHC:** In paraffin embedded Human Lung shows strong staining of Type II pneumocytes. Recommended concentration, 5-10µg/ml.

### Species Reactivity

**Tested:** Human, Mouse, Rat

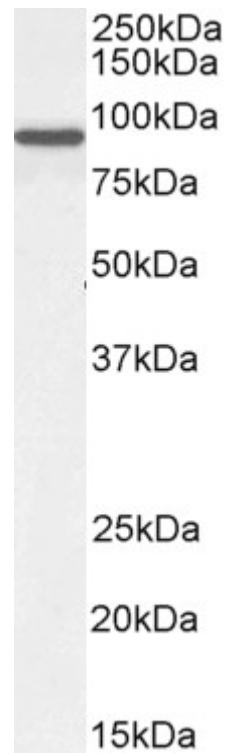
**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig



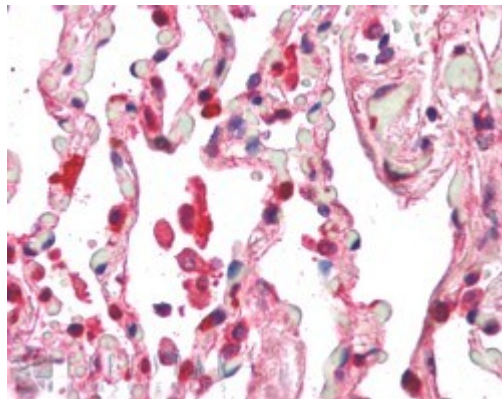
EB06123 (1 $\mu$ g/ml) staining of MOLT4 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB06123 (0.3 $\mu$ g/ml) staining of Mouse (A) and Rat (B) Lung lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB06123 (0.3 $\mu$ g/ml) staining of NIH3T3 cell lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB06123 (5 $\mu$ g/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.