

#### **International Office**

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# 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 GenelD(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:  $0.3-1\mu g/ml$ .

**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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa 10kDa

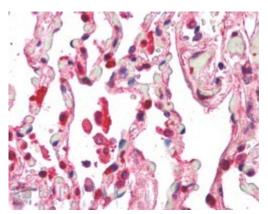
EB06123 (1µg/ml) staining of MOLT4 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB06123 (0.3μg/ml) staining of Mouse (A) and Rat (B) Lung lysate (35μg 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 (5µg/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.