



## International Office

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

## EB06119 - Goat Anti-CAPRI / RASA4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** RASA4, CAPRI, RAS p21 protein activator 4, Ca2+-promoted Ras inactivator, GAPL, KIAA0538, MGC131890, GTPase activating protein-like, calcium-promoted Ras inactivator, Ca2+-promoted Ras inactivator, Ras GTPase-activating protein 4, FLJ59070

**Official Symbol:** RASA4

**Accession Number(s):** NP\_008920.5; NP\_001073346.2

**Human GeneID(s):** [10156](#)

**Important Comments:** This antibody is expected to recognise both reported isoforms (NP\_008920.5; NP\_001073346.2).

### Immunogen

Peptide with sequence AKRSSLYIRIVEG-C, from the N Terminus of the protein sequence according to NP\_008920.5; NP\_001073346.2.

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 1:1000.

**Western blot:** Preliminary experiments gave an approx 70kDa band in Human Liver lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 90.4kDa according to NP\_008920.4. The 70kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human