



## UK Office

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

## EB06371 - Goat Anti-RASGRP3 / GRP3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** GRP3, KIAA0846, guanine nucleotide exchange factor for Rap1, RAS guanyl releasing protein 3 (calcium and DAG-regulated)

**Official Symbol:** RASGRP3

**Accession Number(s):** NP\_733772.1

**Human GeneID(s):** [25780](#)

### Immunogen

Peptide with sequence GSSGLGKAATLDE-C, from the N Terminus of the protein sequence according to NP\_733772.1.

### 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 1:64000.

**Western blot:** Western Blot: Preliminary experiments gave an approx 48kDa band in Human Brain and Kidney lysates at 1ug/ml. Please note that currently we cannot find an explanation in the literature for the band we observe given the predicted size of approx. 79kDa according to NP\_733772.1. 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