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

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB05421 - Goat Anti-RGS1 / 1R20 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** immediate-early response 1, B-cell specific, early response protein 1R20, B-cell activation protein BL34, Regulator of G-protein signaling 1, 1R20, IR20, IER1, BL34, regulator of G-protein signalling 1, 1R20, RGS1

**Official Symbol:** RGS1

**Accession Number(s):** NP\_002913.3

**Human GeneID(s):** [5996](#)

**Non-Human GeneID(s):** 50778 (mouse)

### Immunogen

Peptide with sequence C-NLLNDLQANSLK, from the C Terminus of the protein sequence according to NP\_002913.3.

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

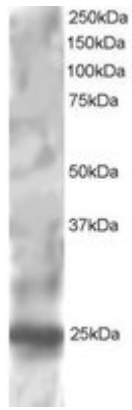
**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Approx 25kDa band seen in HepG2 lysate. Recommended for use at 0.5-2µg/ml.

### Species Reactivity

**Tested:** Human

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



EB05421 staining (1 $\mu$ g/ml) of HepG2 lysate (RIPA buffer, 30 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.