



## UK Office

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

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

Size: 100µg specific antibody in 200µl



### Target Protein

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

**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.

**IHC:** Paraffin embedded Human Thymus and Small Intestine. Recommended concentration: 2.5µg/ml.

### Species Reactivity

**Tested:** Human

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

EB05421 staining (1µg/ml) of HepG2 lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.

EB05421 (2.5µg/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB05421 (2.5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.