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.