



Goat anti-RGS1 / 1R20 Antibody

Item Number	dAP-0096
Target Molecule	Principle Name: RGS1 / 1R20; Official Symbol: RGS1; All Names and Symbols: 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; Accession Number (s): NP_002913.3; Human Gene ID(s): 5996; Non-Human GeneID(s): 50778 (mouse)
Immunogen	NLLNDLQANSLK, is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 25kDa band seen in HepG2 lysate. Recommended for use at 0.5-2µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Thymus and Small Intestine. Recommended concentration: 2.5µg/ml.
Reference	Reference(s): Newton JS, Deed RW, Mitchell EL, Murphy JJ, Norton JD. A B cell specific immediate early human gene is located on chromosome band 1q31 and encodes an alpha helical basic phosphoprotein. <i>Biochim Biophys Acta.</i> 1993 Nov 16;1216(2):314-6..PMID: 8241276->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**