

## Goat anti-RGS18 Antibody

<b>Item Number</b>	dAP-0457
<b>Target Molecule</b>	Principle Name: RGS18; Official Symbol: RGS18; All Names and Symbols: RGS18; RGS13; regulator of G-protein signalling 18; regulator of G-protein signaling 13; RP11-142L4.1; regulator of G-protein signalling 13; Accession Number (s): NP_570138.1; Human Gene ID(s): 64407; Non-Human GeneID(s):
<b>Immunogen</b>	CNEFQDVQSDVAIWL, is from C Terminus
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	Western Blot: Approx 28kDa band observed in Human Peripheral Blood Mononucleocytes (lymphocytes) lysates (calculated MW of 27.6kDa according to NP_570138.1). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Park IK, Klug CA, Li K, Jerabek L, Li L, Nanamori M, Neubig RR, Hood L, Weissman IL, Clarke MF. Molecular cloning and characterization of a novel regulator of G-protein signaling from mouse hematopoietic stem cells. J Biol Chem. 2001 Jan 12;276(2):915-23..PMID: 11042171 ->

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**