

Goat anti-SOCS1 Antibody

Item Number	dAP-0028
Target Molecule	Principle Name: SOCS1; Official Symbol: SOCS1; All Names and Symbols: SOCS1; JAB; CIS1; SSI1; TIP3; CISH1; Cish1; SSI-1; SOCS-1; suppressor of cytokine signaling 1; JAK binding protein; Tec-interacting protein 3; STAT induced SH3 protein 1; cytokine-inducible SH2 protein 1; Accession Number (s): NP_003736.1; Human Gene ID(s): 8651; Non-Human GeneID(s): 12703 (mouse)
Immunogen	VLRDYLSFPFQI, is from C Terminus
Applications	Pep ELISA, WB, FC Species Tested: Human, Mouse, Pig
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. 24kDa band observed in Human Spleen and Pig Pancreas, and approx. 23kDa in Mouse Spleen lysates (Calculated MWt. of 23.6kDa according to Human NP_003736.1, 23.7kDa according to Mouse NP_034026.1 and 24.4kDa according to Pig XP_005662
IHC	
Reference	Reference(s): Starr R, Willson TA, Viney EM, Murray LJ, Rayner JR, Jenkins BJ, Gonda TJ, Alexander WS, Metcalf D, Nicola NA, Hilton DJ. A family of cytokine-inducible inhibitors of signalling. Nature 1997 Jun 26;387(6636):917-21.PMID: 9202125->

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**