

Goat anti-SOCS4 Antibody

Item Number	dAP-0114
Target Molecule	Principle Name: SOCS4; Official Symbol: SOCS4; All Names and Symbols: SOCS4; suppressor of cytokine signaling 4; DKFZp686J1568; SOCS7; SH2 domain containing SOCS box protein; suppressor of cytokine signaling 7; Accession Number (s): NP_543143.1; NP_955453.1; Human Gene ID(s): 122809; Non-Human GenelD(s):
Immunogen	SKVRVLRIDAPEQQ, is from C Terminus Both variants represent identical protein (NP_543143.1 and NP_955453.1).
Applications	Pep ELISA, 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: Preliminary experiments in Human and Rodent Brain lysates and in lysates of cell lines NIH3T3, A431 and HeLa gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people i
IHC	Immunohistochemistry: In paraffin embedded Human Pancreas shows cytoplasm staining on select beta cells in islet of Langerhans. Recommended concentration, 3-6µg/ml.
Reference	Reference(s): Kario E, Marmor MD, Adamsky K, Citri A, Amit I, Amariglio N, Rechavi G, Yarden Y. Suppressors of cytokine signaling 4 and 5 regulate epidermal growth factor receptor signaling. <i>J Biol Chem.</i> 2005 Feb 25;280(8):7038-48..PMID: 15590694->

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**