EB05347 - Goat Anti-SOCS4 Antibody
Size: 100µg specific antibody in 200µl

Target Protein
Principal Names: SOCS4, suppressor of cytokine signaling 4, DKFZp686J1568, SOCS7, SH2 domain containing SOCS box protein, suppressor of cytokine signaling 7
Official Symbol: SOCS4
Accession Number(s): NP_543143.1; NP_955453.1
Human GeneID(s): 122809
Important Comments: Both variants represent identical protein (NP_543143.1 and NP_955453.1).

Immunogen
Peptide with sequence C-SKVRVLRIDAPEQQ, from the C Terminus of the protein sequence according to NP_543143.1; NP_955453.1.

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: 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 in the field - have any results been reported with other antibodies/lysates?
IHC: In paraffin embedded Human Pancreas shows cytoplasm staining on select beta cells in islet of Langerhans. Recommended concentration, 3-6µg/ml.

Species Reactivity
Tested: Human
Expected from sequence similarity: Human, Pig, Cow

EB05347 (3.8µg/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.