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**Research Use Only. Not for diagnostic or therapeutic use.**

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB05347 - Goat Anti-SOCS4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** suppressor of cytokine signaling 7, SH2 domain containing SOCS box protein, SOCS7, DKFZp686J1568, suppressor of cytokine signaling 4, SOCS4

**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?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Pig, Cow