SOCS6
Rabbit Anti-Human Suppressor of Cytokine Signaling 6 Clone Poly6155 pAb

Catalog No.	CSI14372 CSI14373	**Quantity:**	50 µl 200 µl

Alternate Names: CIS4, HSPC060, SOCS4, SSI4, STAI4, STATI4, STAT induced STAT inhibitor-4, cytokine-inducible SH2 protein 4, suppressor of cytokine signaling 4

Description: The SOCS6 (suppressor of cytokine signaling-6) protein is a 59 kD cytoplasmic protein that contains a SOCS box and an SH2 domain. SOCS6 has been implicated as an inhibitor of IR signaling and has been shown to mediate cytokine-induced insulin resistance. SOCS6 is induced by erythropoietin and GM-CSF. The SOCS6 protein has been shown to interact with elongins B and C, and the insulin receptor. This protein forms a complex with IRS-4, IRS-2, and PI3K. The Poly6155 antibody recognizes the N-terminal region of human SOCS6 and has been shown to be useful for Western blotting.

Interaction: Elongins B, C, insulin receptor; complex of IRS-4, IRS-2, p85 regulatory subunit of PI3K.

Gene ID: 9306

Regulation: Induced by erythropoietin, GM-CSF

Distribution: Cytoplasm

Immunogen: Recombinant (partial), N-terminal

Isotype: Rabbit IgG

Clone: Poly6155

Structure: SSI or SOCS family, SH2 domain, SOCS box; 59 kD

Formulation: This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 50% glycerol. **Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

Purification: The antibody was purified by antigen-affinity chromatography.

Function: May be inhibitor of IR signaling, mediate cytokine-induced insulin resistance.

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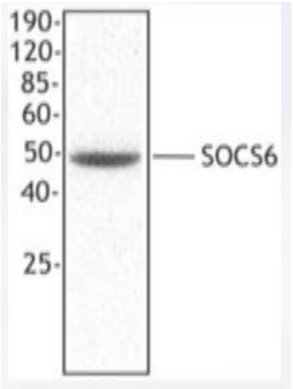
Reactivity: Human

Applications: Western Blot

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 10 µl per 5 ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.

Storage & Stability: Upon receipt, store frozen at -20° C.

MCF7 cell extract was resolved by electrophoresis, transferred to nitrocellulose, and probed with rabbit anti-SOCS6 antibody. Proteins were visualized using a donkey anti-rabbit secondary conjugated to HRP and a chemiluminescence detection system.



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