

**SOCS4 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14548c****Specification**

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**SOCS4 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [Q8WXH5](#)

**SOCS4 Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 122809

**Other Names**

Suppressor of cytokine signaling 4, SOCS-4, Suppressor of cytokine signaling 7, SOCS-7, SOCS4, SOCS7

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**SOCS4 Antibody (Center) Blocking Peptide - Protein Information**

**Name** SOCS4

**Synonyms** SOCS7

**Function**

SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. Substrate- recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Inhibits EGF signaling by mediating the degradation of the Tyr-phosphorylated EGF receptor/EGFR.

**SOCS4 Antibody (Center) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**SOCS4 Antibody (Center) Blocking Peptide - Images**

### **SOCS4 Antibody (Center) Blocking Peptide - Background**

The protein encoded by this gene contains a SH2 domain and a SOCS BOX domain. The protein thus belongs to the suppressor of cytokine signaling (SOCS), also known as STAT-induced STAT inhibitor (SSI), protein family. SOCS family members are known to be cytokine-inducible negative regulators of cytokine signaling. Two alternatively spliced transcript variants encoding the same protein have been found for this gene.

### **SOCS4 Antibody (Center) Blocking Peptide - References**

Hu, G., et al. J. Infect. Dis. 202(1):125-135(2010) Han, S., et al. Hum. Immunol. 71(7):727-730(2010) Rajaraman, P., et al. Cancer Epidemiol. Biomarkers Prev. 19(5):1356-1361(2010) Sasi, W., et al. BMC Cancer 10, 178 (2010) : Rajaraman, P., et al. Cancer Epidemiol. Biomarkers Prev. 18(5):1651-1658(2009)