

Anti-SOCS4 Picoband Antibody

Catalog # ABO12194

Product Information

Application	WB
Primary Accession	Q8WXH5
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Suppressor of cytokine signaling 4(SOCS4) detection. Tested with WB in Human.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	122809
Other Names	Suppressor of cytokine signaling 4, SOCS-4, Suppressor of cytokine signaling 7, SOCS-7, SOCS4, SOCS7
Calculated MW	50623
Application Details	Western blot, 0.1-0.5 µg/ml, Human
Source	Eukaryota
Protein Name	Suppressor of cytokine signaling 4
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	E.coli-derived human SOCS4 recombinant protein (Position: M291-C440). Human SOCS4 shares 98% amino acid (aa) sequence identity with mouse SOCS4.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Sequence Similarities	Contains 1 SH2 domain.

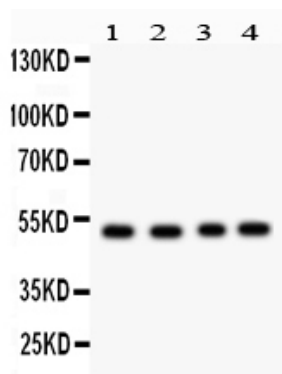
Protein Information

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.

Background

SOCS4, also known as Suppressor of cytokine signaling 4, is mapped to 14q22.1. 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.

Images



Anti-SOCS4 Picoband antibody, ABO12194, Western blotting
All lanes: Anti SOCS4 (ABO12194) at 0.5ug/ml
Lane 1: MCF-7 Whole Cell Lysate at 40ug
Lane 2: SW620 Whole Cell Lysate at 40ug
Lane 3: HELA Whole Cell Lysate at 40ug
Lane 4: SKOV Whole Cell Lysate at 40ug
Predicted bind size: 51KD
Observed bind size: 51KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.