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Anti-SOCS2 Antibody
Rabbit polyclonal antibody to SOCS2
Catalog # AP59759

Specification

Anti-SOCS2 Antibody - Product Information

Application	**WB**
Primary Accession	O14508
Other Accession	O35717
Reactivity	**Human, Mouse, Rat, Monkey, Pig, Bovine, Drosophila**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**22172**

Anti-SOCS2 Antibody - Additional Information

Gene ID 8835

Other Names
CIS2; SSI2; STATI2; Suppressor of cytokine signaling 2; SOCS-2; Cytokine-inducible SH2 protein 2; CIS-2; STAT-induced STAT inhibitor 2; SSI-2

Target/Specificity
Recognizes endogenous levels of SOCS2 protein.

Dilution
WB~~WB (1/500 - 1/1000)

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-SOCS2 Antibody - Protein Information

Name SOCS2

Synonyms CIS2, SSI2, STATI2

Function
SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. SOCS2 appears to be a negative regulator in the growth hormone/IGF1 signaling pathway. Probable 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.

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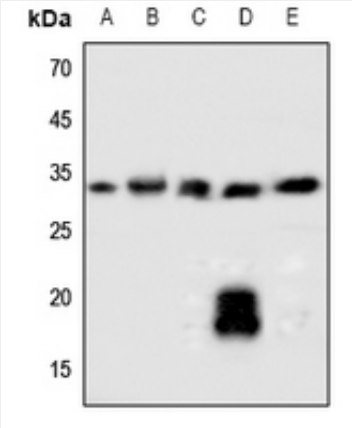
Tissue Location
High expression in heart, placenta, lung, kidney and prostate. Predominantly expressed in pulmonary epithelia cells, specifically type II pneumocytes.

Anti-SOCS2 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-SOCS2 Antibody - Images



Western blot analysis of SOCS2 expression in HEK293T (A), Hela (B), mouse lung (C), mouse liver (D), rat liver (E) whole cell lysates.

Anti-SOCS2 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SOCS2. The exact sequence is proprietary.