

Datasheet for ABIN7170991  
**anti-SOCS1 antibody (AA 1-211)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	SOCS1
Binding Specificity:	AA 1-211
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOCS1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human Suppressor of cytokine signaling 1 protein (1-211AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	SOCS1
Alternative Name:	SOCS1 ( <a href="#">SOCS1 Products</a> )
Background:	Background: SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. SOCS1 is involved in negative regulation of cytokines

## Target Details

that signal through the JAK/STAT3 pathway. Through binding to JAKs, inhibits their kinase activity. In vitro, also suppresses Tec protein-tyrosine activity. Appears to be a major regulator of signaling by interleukin 6 (IL6) and leukemia inhibitory factor (LIF). Regulates interferon-gamma mediated sensory neuron survival By similarity. Probable substrate recognition component of an ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Seems to recognize JAK2. SOCS1 appears to be a negative regulator in IGF1R signaling pathway.

Aliases: CISH 1 antibody, CISH1 antibody, Cytokine inducible SH2 protein 1 antibody, JAB antibody, JAK binding protein antibody, JAK-binding protein antibody, Janus kinase binding protein antibody, SOCS 1 antibody, SOCS-1 antibody, Socs1 antibody, SOCS1\_HUMAN antibody, SSI 1 antibody, SSI-1 antibody, SSI1 antibody, STAT induced STAT inhibitor 1 antibody, STAT-induced STAT inhibitor 1 antibody, Suppressor of cytokine signaling 1 antibody, Suppressor of cytokine signalling 1 antibody, TEC interacting protein 3 antibody, Tec-interacting protein 3 antibody, TIP 3 antibody, TIP-3 antibody, TIP3 antibody

UniProt: [O15524](#)

Pathways: [JAK-STAT Signaling](#), [Interferon-gamma Pathway](#), [TLR Signaling](#), [Response to Growth Hormone Stimulus](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

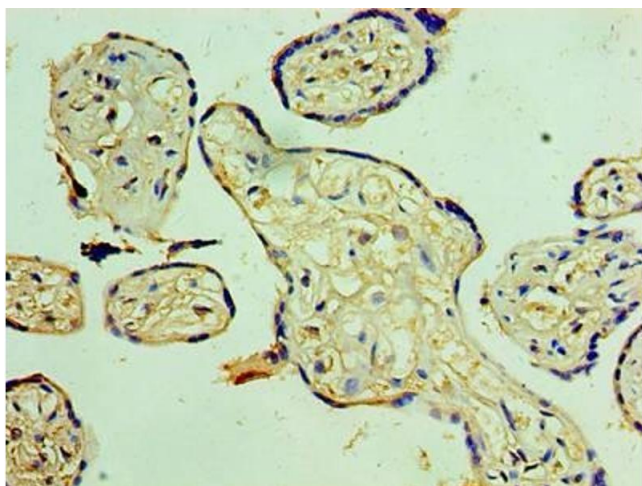
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

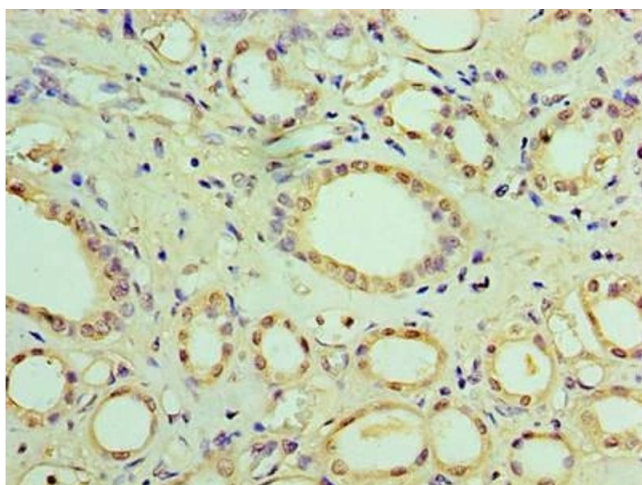
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7170991 at dilution of 1:100



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7170991 at dilution of 1:100