

Datasheet for ABIN7179081  
**anti-SOCS3 antibody (AA 1-225)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	SOCS3
Binding Specificity:	AA 1-225
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOCS3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Recombinant Rat Suppressor of cytokine signaling 3 protein (1-225AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

## Target Details

Target:	SOCS3
Alternative Name:	Socs3 ( <a href="#">SOCS3 Products</a> )
Background:	Background: SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. SOCS3 is involved in negative regulation of cytokines

## Target Details

that signal through the JAK/STAT pathway. Inhibits cytokine signal transduction by binding to tyrosine kinase receptors including gp130, LIF, erythropoietin, insulin, IL12, GCSF and leptin receptors. Binding to JAK2 inhibits its kinase activity. Suppresses fetal liver erythropoiesis. Regulates onset and maintenance of allergic responses mediated by T-helper type 2 cells. Regulates IL-6 signaling in vivo. 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. Seems to recognize IL6ST (By similarity).

Aliases: Socs3 antibody, Cish3Suppressor of cytokine signaling 3 antibody, SOCS-3 antibody, Cytokine-inducible SH2 protein 3 antibody

UniProt: [O88583](#)

Pathways: [JAK-STAT Signaling](#), [Response to Growth Hormone Stimulus](#), [Hepatitis C](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000,

Restrictions: For Research Use only

## Handling

Format: Liquid

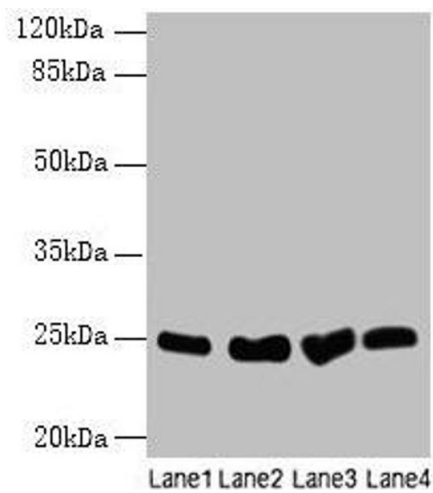
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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.



Western Blotting

**Image 1.** Western blot All lanes: Socs3 antibody at 12  $\mu$ g/mL Lane 1: K562 whole cell lysate Lane 2: A375 whole cell lysate Lane 3: Hela whole cell lysate Lane 4: HepG2 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 25 kDa Observed band size: 25 kDa