

Datasheet for ABIN7171009
anti-SOCS7 antibody (AA 6-165)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	SOCS7
Binding Specificity:	AA 6-165
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOCS7 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Suppressor of cytokine signaling 7 protein (6-165AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	SOCS7
Alternative Name:	SOCS7 (SOCS7 Products)
Background:	Background: Regulates signaling cascades probably through protein ubiquitination and/or sequestration. Functions in insulin signaling and glucose homeostasis through IRS1

Target Details

ubiquitination and subsequent proteasomal degradation. Inhibits also prolactin, growth hormone and leptin signaling by preventing STAT3 and STAT5 activation, sequestering them in the cytoplasm and reducing their binding to DNA. May be a substrate recognition component of a SCF-like E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (By similarity).

Aliases: Ash and phospholipase C gamma-binding protein antibody, NAP 4 antibody, NAP 4 Fragment antibody, NAP-4 antibody, NAP4 antibody, Nck antibody, Nck Ash and phospholipase C binding protein antibody, Nck Ash and phospholipase C gamma binding protein antibody, Nck associated protein 4 antibody, Nck-associated protein 4 antibody, NCKAP4 antibody, SH2 domain containing SOCS box protein antibody, SOCS 7 antibody, SOCS-7 antibody, SOCS4 antibody, SOCS6 antibody, Socs7 antibody, SOCS7_HUMAN antibody, Suppressor of cytokine signaling 7 antibody

UniProt: [O14512](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

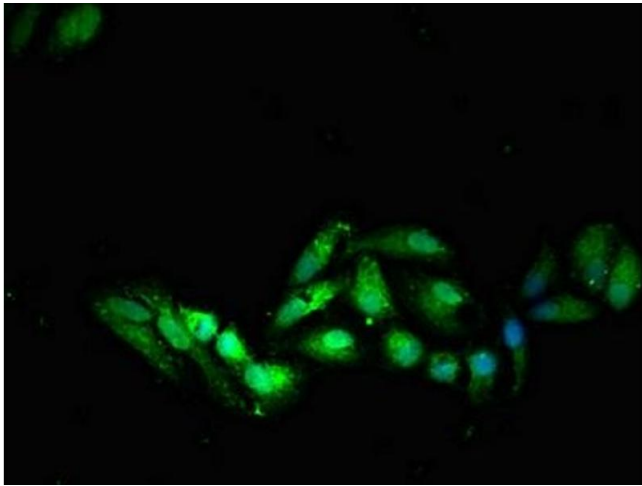
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

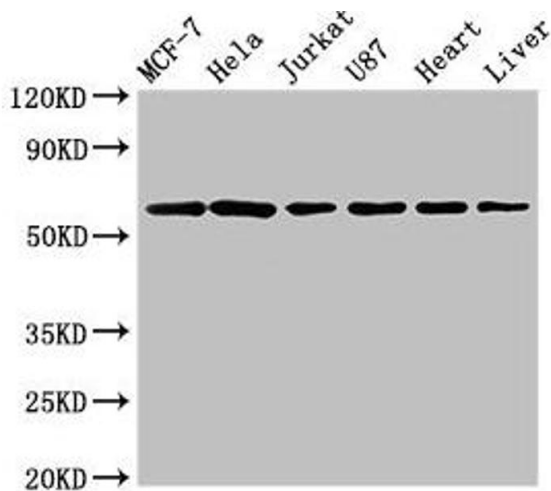
Storage: -20 °C,-80 °C

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



Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7171009 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western Blot Positive WB detected in: MCF-7 whole cell lysate, HeLa whole cell lysate, Jurkat whole cell lysate, U87 whole cell lysate, Rat heart tissue, Rat liver tissue. All lanes: SOCS7 antibody at 3 µg/mL. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 63, 38 kDa. Observed band size: 63 kDa.