

Datasheet for ABIN7436426

anti-SOCS1 antibody (AA 1-211)



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2 Images

Overview

Quantity:	100 µL
Target:	SOCS1
Binding Specificity:	AA 1-211
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOCS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Suppressors Of Cytokine Signaling 1 (SOCS1)
Immunogen:	Recombinant Suppressors Of Cytokine Signaling 1 (SOCS1) corresponding to Met1~Ile211 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SOCS1. It has been selected for its ability to recognize SOCS1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

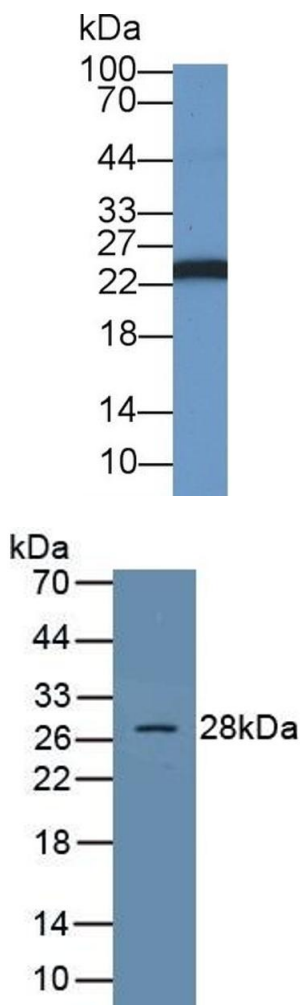
Target:	SOCS1
Alternative Name:	SOCS1 (SOCS1 Products)
Background:	CIS1, CISH1, JAB, SOCS-1, SSI-1, SSI1, TIP3, JAK-binding protein, STAT-induced STAT inhibitor 1, Tec-interacting protein 3
UniProt:	O15524
Pathways:	JAK-STAT Signaling , Interferon-gamma Pathway , TLR Signaling , Response to Growth Hormone Stimulus

Application Details

Application Notes:	Western blotting: 0.01-3 µg/mL, Immunohistochemistry: 5-30 µg/mL, Immunocytochemistry: 5-30 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of SOCS1 in Rat Spleen lysate using Polyclonal Antibody to Suppressors Of Cytokine Signaling 1 (SOCS1)

Western Blotting

Image 2. Detection of Recombinant SOCS1, Human using Polyclonal Antibody to Suppressors Of Cytokine Signaling 1 (SOCS1)