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Datasheet for ABIN2855919

anti-SOCS3 antibody (C-Term)

2 Images

Overview

Quantity:	100 µL
Target:	SOCS3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOCS3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human SOCS3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Rabbit Polyclonal antibody to SOCS3 (suppressor of cytokine signaling 3) SOCS3 antibody [C2C3], C-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	SOCS3
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Target Details

Alternative Name:	suppressor of cytokine signaling 3 (SOCS3 Products)
Background:	This gene encodes a member of the STAT-induced STAT inhibitor (SSI), also known as suppressor of cytokine signaling (SOCS), family. SSI family members are cytokine-inducible negative regulators of cytokine signaling. The expression of this gene is induced by various cytokines, including IL6, IL10, and interferon (IFN)-gamma. The protein encoded by this gene can bind to JAK2 kinase, and inhibit the activity of JAK2 kinase. Studies of the mouse counterpart of this gene suggested the roles of this gene in the negative regulation of fetal liver hematopoiesis, and placental development.
Molecular Weight:	25 kDa
Gene ID:	9021
UniProt:	O14543
Pathways:	JAK-STAT Signaling , Response to Growth Hormone Stimulus , Hepatitis C

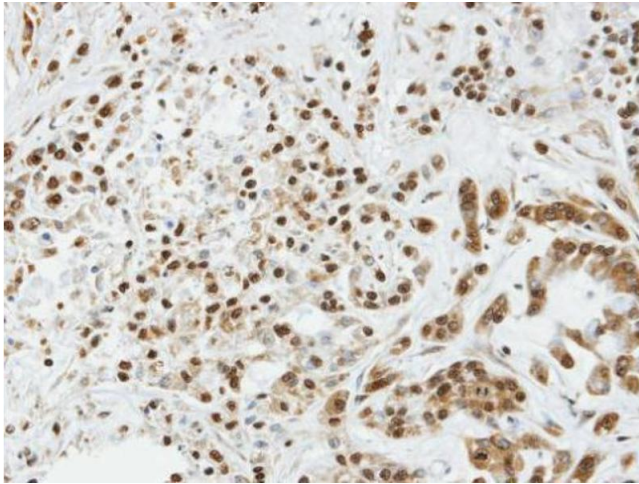
Application Details

Application Notes:	WB: 1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Validation: Orthogonal
Restrictions:	For Research Use only

Handling

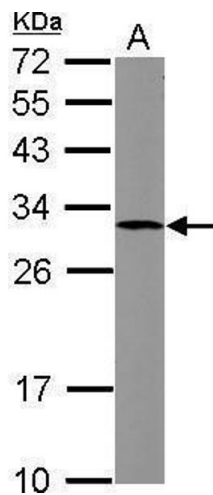
Format:	Liquid
Concentration:	1.42 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, we recommend adding 50% glycerol, then

aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded A549 xenograft, using SOCS3, antibody at 1:100 dilution.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: HCT116 12% SDS PAGE antibody diluted at 1:1000