antibodies

Datasheet for ABIN725135 anti-SOCS1 antibody (AA 121-211)

3 Images



Overview

Quantity:	100 µL	
Target:	SOCS1	
Binding Specificity:	AA 121-211	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SOCS1 antibody is un-conjugated	
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Socs 1	
Isotype:	lgG	
Cross-Reactivity:	Human	
Predicted Reactivity:	Mouse,Rat,Cow,Pig,Horse,Rabbit	
Purification:	Purified by Protein A.	
Target Details		
Target:	SOCS1	

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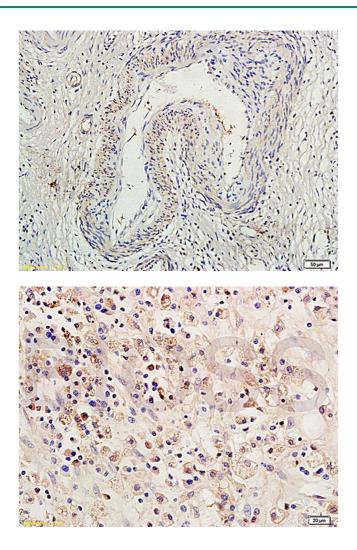
Alternative Name:	SOCS1 (SOCS1 Products)	
Background:	Synonyms: JAB, CIS1, SSI1, TIP3, CISH1, SSI-1, SOCS-1, Suppressor of cytokine signaling 1,	
	JAK-binding protein, STAT-induced STAT inhibitor 1, Tec-interacting protein 3, TIP-3, SOCS1	
	Background: SOCS family proteins form part of a classical negative feedback system that	
	regulates cytokine signal transduction. SOCS1 is involved in negative regulation of cytokines	
	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.	
Gene ID:	8651	
JniProt:	015524	
Pathways:	JAK-STAT Signaling, Interferon-gamma Pathway, TLR Signaling, Response to Growth Hormon	
	Stimulus	
Application Details		
Application Notes:	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	

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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:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	
Expiry Date:	12 months	

Images



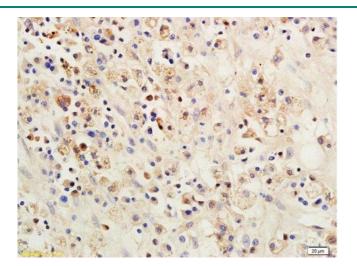
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human colon cancer labeled with Anti-Socs1Polyclonal Antibody (ABIN725135), Unconjugated at 1:300, followed by conjugation to the secondary antibody and DAB staining

Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded: rat brain tissue labeled with Anti-SOCS 1 Polyclonal Antibody (ABIN725135), Unconjugated 1:200 followed by conjugation to the secondary antibody and DAB staining

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Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded: rat brain tissue labeled with Anti-SOCS 1 Polyclonal Antibody , Unconjugated 1:200 followed by conjugation to the secondary antibody and DAB staining

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