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anti-SOCS1 antibody (N-Term)



Images



Go to Product page

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Quantity:	100 μL
Target:	SOCS1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Pig, Dog, Rabbit, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOCS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SOCS1
Immunogen: Sequence:	The immunogen is a synthetic peptide directed towards the N terminal region of human SOCS1 RRPEPSSSS SSPAAPARPR PCPAVPAPAP GDTHFRTFRS HADYRRITRA
Sequence:	RRPEPSSSS SSPAAPARPR PCPAVPAPAP GDTHFRTFRS HADYRRITRA Cow: 100%, Dog: 92%, Guinea Pig: 93%, Horse: 90%, Human: 100%, Mouse: 100%, Pig: 100%,
Sequence: Predicted Reactivity:	RRPEPSSSS SSPAAPARPR PCPAVPAPAP GDTHFRTFRS HADYRRITRA Cow: 100%, Dog: 92%, Guinea Pig: 93%, Horse: 90%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100% This is a rabbit polyclonal antibody against SOCS1. It was validated on Western Blot and
Sequence: Predicted Reactivity: Characteristics:	RRPEPSSSS SSPAAPARPR PCPAVPAPAP GDTHFRTFRS HADYRRITRA Cow: 100%, Dog: 92%, Guinea Pig: 93%, Horse: 90%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100% This is a rabbit polyclonal antibody against SOCS1. It was validated on Western Blot and immunohistochemistry.

Target Details

Alternative Name:	SOCS1 (SOCS1 Products)		
Background:	SOCS1 is 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. SOCS1 functions downstream of cytokine receptors, and takes		
	part in a negative feedback loop to attenuate cytokine signaling. Knockout studies in mice		
	suggested the role of its gene as a modulator of IFN-gamma action, which is required for		
	normal postnatal growth and survival. 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 can be induced by a subset of cytokines, including IL2, IL3 erythropoietin (EPO),		
	CSF2/GM-CSF, and interferon (IFN)-gamma. The protein encoded by this gene functions		
	downstream of cytokine receptors, and takes part in a negative feedback loop to attenuate		
	cytokine signaling. Knockout studies in mice suggested the role of this gene as a modulator of		
	IFN-gamma action, which is required for normal postnatal growth and survival.		
	Alias Symbols: CIS1, CISH1, JAB, SOCS-1, SSI-1, SSI1, TIP3		
	Protein Interaction Partner: CSF2RB, TCEB1, ERBB2, ABL1, CYTIP, gag, TP53, JAK2, ATR, ATM,		
	JAK1, INSR, FGFR3, LCK, RASA1, PDCD1, IRS1, ETV6, DAB1, TIRAP, VHL, VAV1, TUBG1, RELA,		
	MAP3K5, CLEC7A, PTPN11, TYK2, IRF3, IFNAR1, TCEB2, ALK, COMMD1, TRIM8, PIK3R2, GHR,		
	IRS2, TEC, NCK1, VAV2,		
	Protein Size: 211		
Molecular Weight:	23 kDa		
Gene ID:	8651		
NCBI Accession:	NM_003745, NP_003736		
UniProt:	015524		
Pathways:	JAK-STAT Signaling, Interferon-gamma Pathway, TLR Signaling, Response to Growth Hormone		
	Stimulus		
Application Details			
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.		
Comment:	Antigen size: 211 AA		

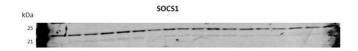
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

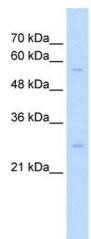
Western Blotting

Image 1. SOCS1 antibody - N-terminal region validated by WB using Huh7 Cells transfected with microRNA at 1:1000.



Western Blotting

Image 2. SOCS1 antibody - N-terminal region validated by WB using Jurkat cell lysate at 0.2-1 ug/ml.



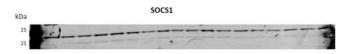


Image 3.

SOCS1 (ARP42147_T100)

Western Blot Huh7 cells

Primary dilution: 1:1000 Secondary dilution: 1:400 Application data in forum

Please check the product details page for more images. Overall 7 images are available for ABIN2777164.