

Product Datasheet

SOCS-1 Antibody NB100-56637

Unit Size: 0.2 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-56637**SOCS-1 Antibody****Product Information**

Unit Size	0.2 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera with PBS and 0.05% BSA
Target Molecular Weight	23.55 kDa

Product Description

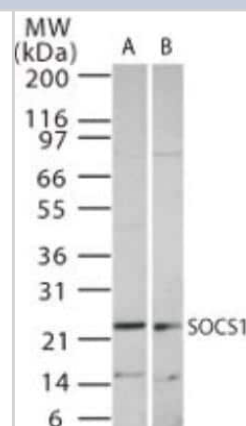
Host	Rabbit
Gene ID	8651
Gene Symbol	SOCS1
Species	Human, Mouse
Reactivity Notes	This should cross-react with rat SOCS1, based on amino acid sequence.
Immunogen	A synthetic peptide corresponding to amino acids 54-68 (HFRTFRSHADYRRIT) of human SOCS1 was used as immunogen (NP_003736.1)

Product Application Details

Applications	Western Blot
Recommended Dilutions	Western Blot 1:500-1:1000
Application Notes	The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

Images

Western Blot: SOCS-1 Antibody [NB100-56637] - Analysis of SOCS-1 using NB100-56637 at 1:1000 dilution against 15 ug/lane of Ramos (A) and Raw (B) cell lysate.



Publications

Sheikh T, Sen E p53 affects epigenetic signature on SOCS1 promoter in response to TLR4 inhibition Cytokine 2021-01-18 [PMID: 33476981] (WB, Human)

Russell RC, Sufan RI, Zhou B et al. Loss of JAK2 regulation via a heterodimeric VHL-SOCS1 E3 ubiquitin ligase underlies Chuvash polycythemia. Nat Med 2011-07-01 [PMID: 21685897]

Bunda S, Kommaraju K, Heir P, Ohh M. SOCS-1 Mediates Ubiquitylation and Degradation of GM-CSF Receptor. PLoS One. 2013-09-26 [PMID: 24086733] (WB, Human)

Prele CM, Woodward EA, Bisley J et al. SOCS1 regulates the IFN but not NFkappaB pathway in TLR-stimulated human monocytes and macrophages. J Immunol. 2008-12-01 [PMID: 19017994] (WB, Human)

Details:

WB (human monocytes), Fig. 1C, 4A, 5F.

Pellegrini M, Calzascia T, Toe JG et al. IL-7 Engages Multiple Mechanisms to Overcome Chronic Viral Infection and Limit Organ Pathology. Cell. 2011-02-02 [PMID: 21295337]





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Products Related to NB100-56637

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB100-56637PEP	SOCS-1 Antibody Blocking Peptide

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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