

anti- SOCS3 antibody

Product Information

Catalog No.:	FNab08100
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3 , -20°C for 24 months (Avoid repeated freeze / thaw cycles.)

Background

SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. SOCS3 is involved in negative regulation of cytokines that signal through the JAK/STAT pathway. Inhibits cytokine signal transduction by binding to tyrosine kinase receptors including gp130, LIF, erythropoietin, insulin, IL12, GCSF and leptin receptors. Binding to JAK2 inhibits its kinase activity. Suppresses fetal liver erythropoiesis. Regulates onset and maintenance of allergic responses mediated by T-helper type 2 cells. Regulates IL-6 signaling in vivo(By similarity). Probable substrate recognition component of a SCF-like ECS(Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Seems to recognize IL6ST(By similarity).

Immunogen information

Immunogen:	suppressor of cytokine signaling 3
Synonyms:	ATOD4, CIS 3, CIS3, Cish3, SOCS 3, SOCS3, SSI 3, SSI3, STAT induced STAT inhibitor 3
Observed MW:	30 kDa
Uniprot ID :	O14543

Wuhan Fine Biotech Co., Ltd.

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www.fn-test.com

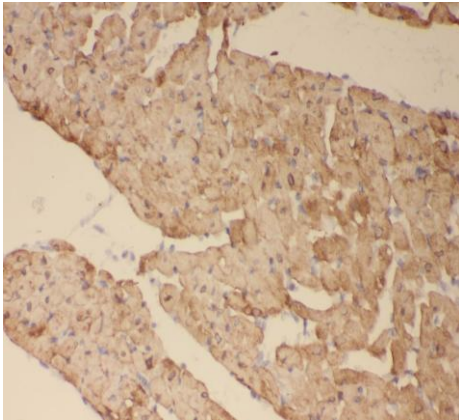
Application

Reactivity: Human, Mouse, Rat

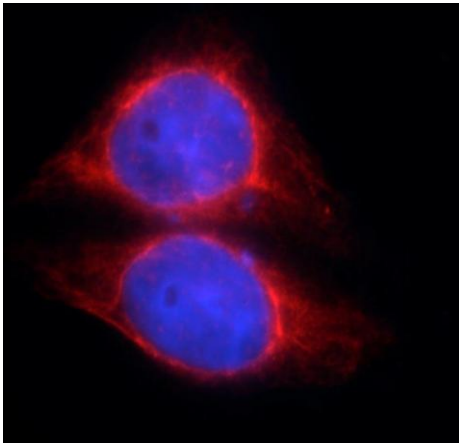
Tested Application: ELISA, IHC, WB, IF, IP

Recommended dilution: WB: 1:200-1:2000; IP: 1:200-1:2000; IHC: 1:20-1:200; IF: 1:10-1:100

Image:



Immunohistochemistry of paraffin-embedded human heart using FNab08100(SOCS3 antibody) at dilution of 1:50



Immunofluorescent analysis of HepG2 cells, using FNab08100(SOCS3 antibody) at 1:10 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).

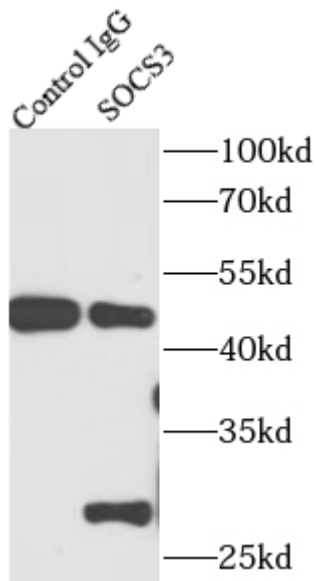
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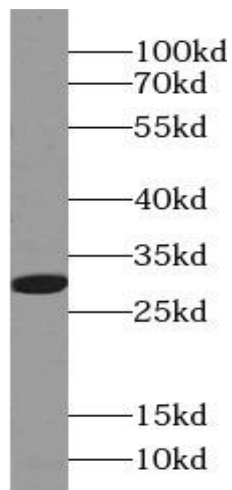
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IP Result of anti-SOCS3 (IP:FNab08100,4ug;
Detection: FNab08100 1:500) with K-562 cells
lysate 1720ug.



K-562 cells were subjected to SDS PAGE
followed by western blot with FNab08100(SOCS3
antibody) at dilution of 1:500