BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

# Anti-SOCS4 Antibody (Center)

**Catalog Number:** A09261-1

## About SOCS4

The protein encoded by this gene contains a SH2 domain and a SOCS BOX domain. The protein thus belongs to the suppressor of cytokine signaling (SOCS), also known as STAT-induced STAT inhibitor (SSI), protein family. SOCS family members are known to be cytokine-inducible negative regulators of cytokine signaling. Two alternatively spliced transcript variants encoding the same protein have been found for this gene.

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## Overview

| | |
|---|---|
| Product Name | Anti-SOCS4 Antibody (Center) |
| Reactive Species | Human |
| Description | Boster Bio Anti-SOCS4 Antibody (Center) (Catalog # A09261-1). Tested in WB, IF, IHC-P application(s). This antibody reacts with Human. |
| Application | IF, IHC-P, WB |
| Clonality | Polyclonal |
| Formulation | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. |
| Storage Instructions | Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | Q8WXH5 |

## Technical Details

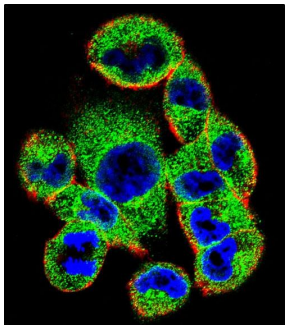
| | |
|---|---|
| Immunogen | This SOCS4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 227-254 amino acids from the Central region of human SOCS4. |
| Predicted Reactive Species | Bovine, Mouse, Xenopus, Zebrafish |
| Isotype | Rabbit IgG |
| Purification | This antibody is purified through a protein A column, followed by peptide affinity purification. |

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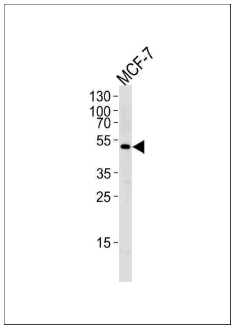
| | |
|---|---|
| Suggested Dilutions | IF: 1:10-1:50<br>WB: 1:1000<br>IHC-P: 1:10-1:50 |

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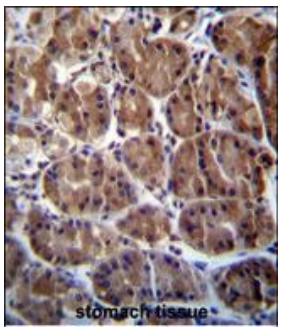
# Anti-SOCS4 Antibody (Center) (A09261-1) Images



Confocal immunofluorescent analysis of SOCS4 Antibody (Center) with A2058 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).DAPI was used to stain the cell nuclear (blue).




Western blot analysis of lysate from MCF-7 cell line,using SOCS4 Antibody (Center).A09261-1 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysate at 35ug per lane.




SOCS4 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SOCS4 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Anti-SOCS4 Antibody (Center)

For Research Use Only. Not for use in diagnostic procedures.