



Datasheet for ABIN7254997

## anti-SOCS3 antibody



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### 1 Image

#### Overview

Quantity:	200 µL
Target:	SOCS3
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOCS3 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	A synthetic peptide of human SOCS3 (NP_003946.3).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	SOCS3
Alternative Name:	SOCS3 ( <a href="#">SOCS3 Products</a> )
Background:	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 is induced by various cytokines, including IL6, IL10, and interferon (IFN)-gamma. The protein encoded by this gene

## Target Details

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can bind to JAK2 kinase, and inhibit the activity of JAK2 kinase. Studies of the mouse counterpart of this gene suggested the roles of this gene in the negative regulation of fetal liver hematopoiesis, and placental development.

Molecular Weight: Observed\_MW: 33 kDa  
Calculated\_MW: 24 kDa

Gene ID: 9021

UniProt: [O14543](#)

Pathways: [JAK-STAT Signaling](#), [Response to Growth Hormone Stimulus](#), [Hepatitis C](#)

## Application Details

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Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

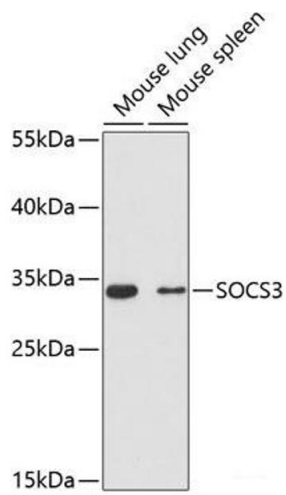
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines using SOCS3 Polyclonal Antibody at dilution of 1:3000.