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## Datasheet for ABIN184566 anti-SOCS3 antibody (C-Term)

2 Images



#### Overview

Quantity:	100 µg
Target:	SOCS3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SOCS3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### Product Details

Purpose:	SOCS3
Immunogen:	Peptide with sequence C-PIREFLDQYDAPL, from the C Terminus of the protein sequence according to NP_003946.3.
Sequence:	PIREFLDQYD APL
Isotype:	lgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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#### Target Details

Target:	SOCS3
Alternative Name:	SOCS3 (SOCS3 Products)
Background:	SOCS3, CIS3, Cish3, SSI-3, SOCS-3, suppressor of cytokine signaling 3, STAT induced STAT inhibitor 3, cytokine-induced SH2 protein 3, ATOD4, MGC71791, SSI3
Gene ID:	9021, 12702, 89829
NCBI Accession:	NP_003946
Pathways:	JAK-STAT Signaling, Response to Growth Hormone Stimulus, Hepatitis C

### Application Details

Application Notes:	Western Blot: Approx 26 kDa band observed in lysates of cell line MOLT4 (calculated MW of
	24.8 kDa according to NP_003946.3). Recommended concentration: 1-3 $\mu$ g/mL. Primary
	incubation was 1 hour. Preliminary testing was unsuccessful on Mouse, Rat and Pig Li
	Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

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250kDa	Western Blotting
150kDa	
100kDa 75kDa	Image 1. ABIN184566 staining (5µg/ml) of MOLT-4 lysate
TONDU	(RIPA buffer, 30µg total protein per lane). Primary incubated
50kDa	for 1 hour. Detected by western blot using
	chemiluminescence.
37kDa	
25kDa	
250kDa 150kDa	Western Blotting
100kDa	
75kDa	Image 2. ABIN184566 (1µg/ml) staining of MOLT4 lysate
	(35µg protein in RIPA buffer). Detected b
50kDa	chemiluminescence.
37kDa	
25kDa	
20kDa	
15kDa	