

Datasheet for ABIN634408  
**anti-SOCS7 antibody (N-Term)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µL
Target:	SOCS7
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOCS7 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	SOCS7 antibody was raised using the N terminal of SOCS7 corresponding to a region with amino acids LDPKALPPGLALERTWGPAAAGLEAQLAALGLGQPAGPGVKTVGGGCCPCP
Specificity:	SOCS7 antibody was raised against the N terminal of SOCS7
Purification:	Affinity purified

## Target Details

Target:	SOCS7
Alternative Name:	SOCS7 ( <a href="#">SOCS7 Products</a> )
Background:	SOCS7 regulates signaling cascades probably through protein ubiquitination and/or sequestration. SOCS7 functions in insulin signaling and glucose homeostasis through IRS1 ubiquitination and subsequent proteasomal degradation. SOCS7 inhibits also prolactin, growth

## Target Details

---

hormone and leptin signaling by preventing STAT3 and STAT5 activation, sequestering them in the cytoplasm and reducing their binding to DNA. SOCS7 may be a substrate recognition component of a SCF-like E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.

Molecular Weight: 64 kDa (MW of target protein)

## Application Details

---

Application Notes: WB: 1 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: SOCS7 Blocking Peptide, catalog no. 33R-4853, is also available for use as a blocking control in assays to test for specificity of this SOCS7 antibody

Restrictions: For Research Use only

## Handling

---

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of SOCS7 antibody in PBS

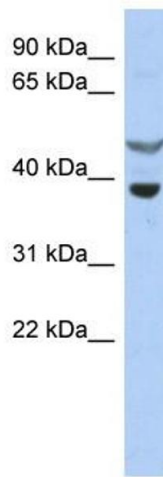
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### Western Blotting

**Image 1.** SOCS7 antibody used at 1 ug/ml to detect target protein.