

## SOCS7 Rabbit mAb

Catalog No: #60266

Package Size: #60266-1 50ul #60266-2 100ul

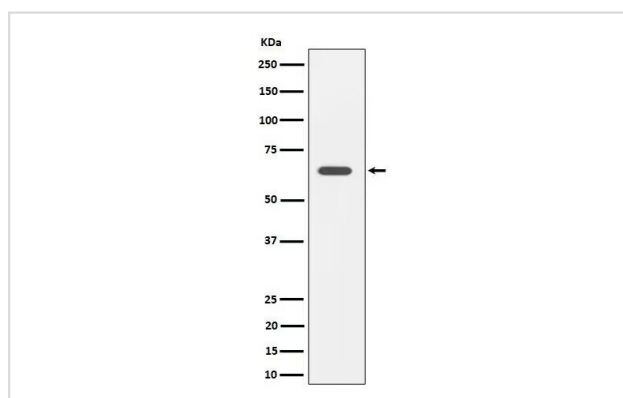
## Description

|                       |                                                                                                                                                                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | SOCS7 Rabbit mAb                                                                                                                                                                                                                          |
| Host Species          | Rabbit                                                                                                                                                                                                                                    |
| Clonality             | Monoclonal                                                                                                                                                                                                                                |
| Isotype               | Rabbit IgG                                                                                                                                                                                                                                |
| Purification          | Affinity-chromatography                                                                                                                                                                                                                   |
| Applications          | WB IHC                                                                                                                                                                                                                                    |
| Species Reactivity    | Human                                                                                                                                                                                                                                     |
| Specificity           | SOCS7 Antibody detects endogenous levels of total SOCS7                                                                                                                                                                                   |
| Immunogen Description | A synthesized peptide derived from human SOCS7                                                                                                                                                                                            |
| Other Names           | Ash and phospholipase C gamma-binding protein; NAP4; Nck; Nck Ash and phospholipase C binding protein; Nck associated protein 4; NCKAP4; SH2 domain containing SOCS box protein; SOCS4; SOCS6; Socs7; Suppressor of cytokine signaling 7; |
| Accession No.         | Uniprot:O14512                                                                                                                                                                                                                            |
| Formulation           | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                                        |
| Storage               | Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.                                                                                                                                                            |

## Application Details

WB 1:500~1:2000 IHC 1:50~1:200

## Images



Western blot analysis of SOCS7 expression in HeLa cell lysate.

## Background

Regulates signaling cascades probably through protein ubiquitination and/or sequestration. Functions in insulin signaling and glucose homeostasis through IRS1 ubiquitination and subsequent proteasomal degradation. Inhibits also prolactin, growth hormone and leptin signaling by preventing STAT3 and STAT5 activation, sequestering them in the cytoplasm and reducing their binding to DNA.

---

Note: This product is for in vitro research use only and is not intended for use in humans or animals.