

ARG64790 anti-SOCS7 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes SOCS7
Tested Reactivity	Hu
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	SOCS7
Species	Human
Immunogen	C-DAGRKPKLTRTQS
Conjugation	Un-conjugated
Alternate Names	NAP4; Suppressor of cytokine signaling 7; SOCS-7; Nck, Ash and phospholipase C gamma-binding protein; NAP-4; Nck-associated protein 4; NCKAP4

Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

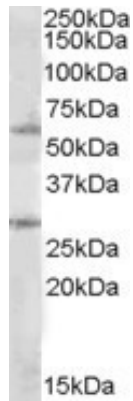
Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 30837 Human Swiss-port # O14512 Human
Gene Symbol	SOCS7
Gene Full Name	suppressor of cytokine signaling 7
Function	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. 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 (By similarity). [UniProt]
Research Area	Signaling Transduction antibody
Calculated Mw	63 kDa

Images



ARG64790 anti-SOCS7 antibody WB image

Western Blot: Daudi lysate (35 μ g protein in RIPA buffer) stained with ARG64790 anti-SOCS7 antibody at 1 μ g/ml dilution.