

Rabbit anti-Human, Rat SOCS7 Polyclonal Antibody | anti-SOCS7 antibody

SOCS7 Antibody

CATALOG # AAA233294	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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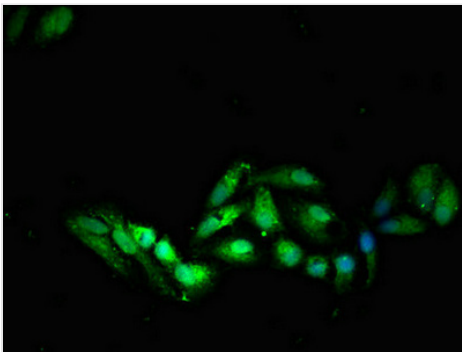
PRODUCT SYNONYMS

SOCS7; Polyclonal Antibody; SOCS7 Antibody; Suppressor of cytokine signaling 7; SOCS-7; Nck; Ash and phospholipase C gamma-binding protein; Nck-associated protein 4; NAP-4; NAP4; SOCS6; anti-SOCS7 antibody

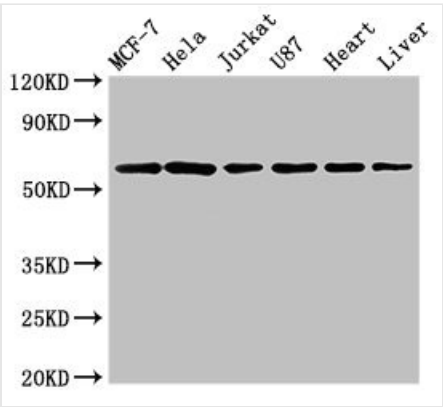
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	581
Applicable Applications for anti-SOCS7 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Suppressor of cytokine signaling 7 protein (6-165AA)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of HepG2 cells using AAA233294 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



WB (Western Blot)
Western BlotPositive WB detected in: MCF-7 whole cell lysate,HeLa whole cell lysate,Jurkat whole cell lysate,U87 whole cell lysate,Rat heart tissue,Rat liver tissueAll lanes: SOCS7 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 63,38 KDaObserved band size: 63 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-SOCS7 antibody	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).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	53831997
NCBI GeneID	30837
NCBI Accession #	NP_055413.1
NCBI GenBank Nucleotide #	NM_014598.3
UniProt Accession #	O14512; Q0IJ63; A2VCU2
Molecular Weight	37,461 Da
NCBI Official Full Name	suppressor of cytokine signaling 7
NCBI Official Synonym Full Names	suppressor of cytokine signaling 7
NCBI Official Symbol	SOCS7
NCBI Official Synonym Symbols	NAP4; NCKAP4
NCBI Protein Information	suppressor of cytokine signaling 7
UniProt Protein Name	Suppressor of cytokine signaling 7
UniProt Gene Name	SOCS7
UniProt Synonym Gene Names	NAP4; SOCS6; SOCS-7; NAP-4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.