



# Anti-SOCS7 (aa 457-486) polyclonal antibody (DPABH-24666)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH, corresponding to a region within C terminal amino acids 457-486 of Human SOCS7 (NP_055413.1).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	400 µl
<b>Buffer</b>	Constituent: 99% PBS
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Store at 2-8°C for up to 6 months. For long term storage store at -20°C.

## GENE INFORMATION

**Gene Name** [SOCS7 suppressor of cytokine signaling 7 \[ Homo sapiens \]](#)

<b>Official Symbol</b>	SOCS7
<b>Synonyms</b>	SOCS7; suppressor of cytokine signaling 7; NAP4; Nck; Ash and phospholipase C binding protein; NCK associated protein 4; NCKAP4; NAP-4; SOCS-7; NCK-associated protein 4; Nck, Ash and phospholipase C binding protein; nck, Ash and phospholipase C gamma-binding protein;
<b>Entrez Gene ID</b>	<a href="#">30837</a>
<b>Protein Refseq</b>	<a href="#">NP_055413</a>
<b>UniProt ID</b>	<a href="#">O14512</a>
<b>Chromosome Location</b>	17q21.1
<b>Pathway</b>	ECS complex; Jak-STAT signaling pathway;
<b>Function</b>	SH3 domain binding; protein binding;