



Anti-SOCS7 (aa 3-52) polyclonal antibody (DPABH-13950)

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

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Synthetic peptide within Human SOCS7 aa 3-52 (N terminal). The exact sequence is proprietary. Isoform 2.Sequence: GSAGRELDAGRKPKLTRTQSAFSPVSFSPLFTGETVSLVDVDISQRGLTS Database link: O14512-2
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	50 µg
Buffer	Constituents: 98% PBS, 2% Sucrose

Preservative	None
Storage	Shipped at 4°C. Store at 4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

GENE INFORMATION

Gene Name	SOCS7 suppressor of cytokine signaling 7 [Homo sapiens]
Official Symbol	SOCS7
Synonyms	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;
Entrez Gene ID	30837
Protein Refseq	NP_055413
UniProt ID	O14512
Chromosome Location	17q21.1
Pathway	ECS complex; Jak-STAT signaling pathway;
Function	SH3 domain binding; protein binding;