Datasheet for ABIN7171010

anti-SOCS7 antibody (AA 6-165) (Biotin)

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Overview

Quantity:	100 µg
Target:	SOCS7
Binding Specificity:	AA 6-165
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOCS7 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Suppressor of cytokine signaling 7 protein (6-165AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SOCS7
Alternative Name:	SOCS7 (SOCS7 Products)
Background:	Background: Regulates signaling cascades probably through protein ubiquitination and/or sequestration. Functions in insulin signaling and glucose homeostasis through IRS1

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Target Details

	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). Aliases: Ash and phospholipase C gamma-binding protein antibody, NAP 4 antibody, NAP 4 Fragment antibody, NAP-4 antibody, NAP4 antibody, Nck antibody, Nck Ash and phospholipase C binding protein antibody, Nck Ash and phospholipase C gamma binding protein antibody, Nck associated protein 4 antibody, Nck-associated protein 4 antibody, NCKAP4 antibody, SH2 domain containing SOCS box protein antibody, SOCS 7 antibody, SOCS-7 antibody, SOCS4 antibody, SOCS6 antibody, Socs7 antibody, SOCS7_HUMAN antibody, Suppressor of cytokine signaling 7 antibody
UniProt:	O14512

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.