

SOCS7 Conjugated Antibody

Catalog No: #C37039



Package Size: #C37039-AF350 100ul #C37039-AF405 100ul #C37039-AF488 100ul
 #C37039-AF555 100ul #C37039-AF594 100ul #C37039-AF647 100ul
 #C37039-AF680 100ul #C37039-AF750 100ul #C37039-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	SOCS7 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SOCS7 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human suppressor of cytokine signaling 7
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	NAP4; NCKAP4
Accession No.	Swiss-Prot#:O14512NCBI Gene ID:30837NCBI Protein#:NP_055413
Uniprot	O14512
GeneID	30837;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

The protein as regulator signaling cascades probably through protein ubiquitination and/or sequestration. It plays an important role 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.

Note: This product is for in vitro research use only