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SOCS6 Rabbit pAb

Catalog # AP96816

Product Information

Application	WB
Primary Accession	O14544
Other Accession	O14544
Reactivity	Chicken
Predicted	Rat, Pig, Human, Mouse, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59528
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SOCS6
Epitope Specificity	21-120/535
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 SH2 domain. Contains 1 SOCS box domain.
SUBUNIT	Interacts with RBCK1. Interacts with phosphorylated IRS4. Interacts with PIM3. Interacts with KIT (phosphorylated).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene contains a SH2 domain and a CIS homolog domain. The protein thus belongs to the cytokine-induced STAT inhibitor (CIS), also known as suppressor of cytokine signaling (SOCS) or STAT-induced STAT inhibitor (SSI), protein family. CIS family members are known to be cytokine-inducible negative regulators of cytokine signaling. The expression of this gene can be induced by GM-CSF and EPO in hematopoietic cells. A high expression level of this gene was found in factor-independent chronic myelogenous leukemia (CML) and erythroleukemia (HEL) cell lines. [provided by RefSeq, Jul 2008].

Additional Information

Gene ID	9306
Other Names	CIS-4; CIS4; HSPC060; SOCS-4; SOCS-6; SOCS4; SSI4; STAI4; STATI4; 1500012M23Rik; 5830401B18Rik; Cish4; SOCS6_HUMAN; SOCS6; Cytokine-inducible SH2 protein 4 (CIS-4); Suppressor of cytokine signaling 4 (SOCS-4); SOCS6_MOUSE; suppressor of cytokine signaling 6; suppressor of cytokine signaling 4
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

Protein Information

Name	SOCS6
Synonyms	CIS4, SOCS4
Function	SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. May be a substrate recognition component of a SCF-like ECS (Elongin BC-CUL2/5- SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (By similarity). Regulates KIT degradation by ubiquitination of the tyrosine-phosphorylated receptor.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.