

SOCS4 Polyclonal Antibody

Catalog No :	YN1373
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	SOCS4
Fields :	>>JAK-STAT signaling pathway;>>Insulin signaling pathway;>>Prolactin signaling pathway;>>Type II diabetes mellitus
Gene Name :	SOCS4 SOCS7
Protein Name :	Suppressor of cytokine signaling 4 (SOCS-4) (Suppressor of cytokine signaling 7) (SOCS-7)
Human Gene Id :	122809
Human Swiss Prot No :	Q8WXH5
Mouse Swiss Prot No :	Q91ZA6
Immunogen :	Synthesized peptide derived from part region of human protein
Specificity :	SOCS4 Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 48kD

Cell Pathway : Jak_STAT;Insulin_Receptor;Type II diabetes mellitus;

Background : The protein encoded by this gene contains a SH2 domain and a SOCS BOX domain. The protein thus belongs to the suppressor of cytokine signaling (SOCS), also known as STAT-induced STAT inhibitor (SSI), protein family. SOCS family members are known to be cytokine-inducible negative regulators of cytokine signaling. Two alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008],

Function : domain:The SOCS box domain mediates the interaction with the Elongin BC complex, an adapter module in different E3 ubiquitin ligase complexes.,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.,pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 SH2 domain.,similarity:Contains 1 SOCS box domain.,

Subcellular Location : intracellular,cytoplasm,

Expression : Endometrium carcinoma cell line,Neuroblastoma,Placenta,

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