



SOCS5 Polyclonal Antibody

Catalog No	YP-Ab-06244
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	SOCS5 CIS6 CISH5 CISH6 KIAA0671
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SOCS5 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SOCS5;SOCS5 CIS6 CISH5 CISH6 KIAA0671;Suppressor of cytokine signaling 5 (SOCS-5) (Cytokine-inducible SH2 protein 6) (CIS-6) (Cytokine-inducible SH2-containing protein 5)
Observed Band	58kD
Calculated Molecular Weight	58kD
Cell Pathway	cytoplasm,
Tissue Specificity	Brain,Placenta,Testis,Thalamus,
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. SOCS5 is involved in regulating T-helper cell differentiation by inhibition of the IL4 signaling pathway which promotes differentiation into the Th2 phenotype. Can also partially inhibit IL6 and LIF signaling (By similarity). 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.,subunit:Interacts, via the first 50 AA, with IL4RA (th

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) family, also known as STAT-induced STAT inhibitor (SSI) protein family. SOCS family members are known to be cytokine-inducible negative regulators of cytokine signaling. The specific function of this protein has not yet been determined. Two alternatively spliced transcript variants encoding an identical protein have been reported. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images