

SOCS5 Rabbit pAb

CatalogNo: YN1374

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 58kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from part region of human protein

Specificity

SOCS5 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

SOCS5 CIS6 CISH5 CISH6 KIAA0671

Protein Name	Suppressor of cytokine signaling 5 (SOCS-5) (Cytokine-inducible SH2 protein 6) (CIS-6) (Cytokine-inducible SH2-containing protein 5)		
	Organism	Gene ID	UniProt ID
	Human	9655;	O75159;
	Mouse		O54928;
Cellular Localization	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 (through a box 1-containing cytoplasmic domain) and inhibits IL4 signaling.,		

| Validation Data

| Contact information

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