

产品名称: SOCS-2 Rabbit Polyclonal Antibody
产品货号: APRab18091



产品概述 (Summary)

产品名称 (Production Name)	SOCS-2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SOCS2
别名 (Alternative Names)	SOCS2; CIS2; SSI2; STATI2; Suppressor of cytokine signaling 2; SOCS-2; Cytokine-inducible SH2 protein 2; CIS-2; STAT-induced STAT inhibitor 2; SSI-2
基因 ID (Gene ID)	8835.0
蛋白 ID (SwissProt ID)	O14508.The antiserum was produced against synthesized peptide derived from human SOCS-2. AA range:18-67

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
蛋白分子量 (Molecular Weight)	22kDa

产品名称: SOCS-2 Rabbit Polyclonal Antibody
产品货号: APRab18091



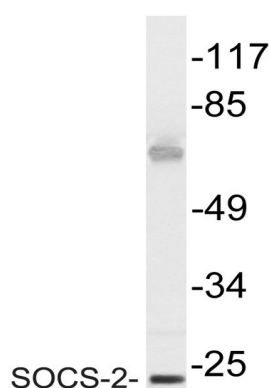
研究背景 (Background)

This gene encodes a member of the suppressor of cytokine signaling (SOCS) family. SOCS family members are cytokine-inducible negative regulators of cytokine receptor signaling via the Janus kinase/signal transducer and activation of transcription pathway (the JAK/STAT pathway). SOCS family proteins interact with major molecules of signaling complexes to block further signal transduction, in part, by proteasomal depletion of receptors or signal-transducing proteins via ubiquitination. The expression of this gene can be induced by a subset of cytokines, including erythropoietin, GM-CSF, IL10, interferon (IFN)-gamma and by cytokine receptors such as growth hormone receptor. The protein encoded by this gene interacts with the cytoplasmic domain of insulin-like growth factor-1 receptor (IGF1R) and is thought to be involved in the regulation of IGF1R mediated cell signaling. This gene has 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. SOCS2 appears to be a negative regulator in the growth hormone/IGF1 signaling pathway. Probable 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., induction: By a subset of cytokines, including erythropoietin and granulocyte-macrophage colony stimulating factor (GM-CSF),., pathway: Protein modification; protein ubiquitination., similarity: Contains 1 SH2 domain., similarity: Contains 1 SOCS box domain., subunit: Interacts with IGF1 receptor, prolactin receptor and growth hormone (GH) receptor. Associates with the Elongin BC complex., tissue specificity: High expression in heart, placenta, lung, kidney and prostate.,

研究领域 (Research Area)

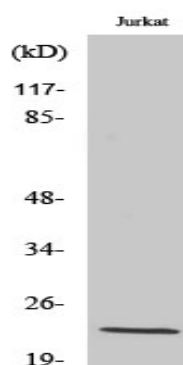
Jak_STAT; Insulin_Receptor; Type II diabetes mellitus;

图片 (Image Data)



Western blot analysis of lysate from Jurkat cells, using SOCS-2 antibody.

产品名称: SOCS-2 Rabbit Polyclonal Antibody
产品货号: APRab18091



Western Blot analysis of various cells using SOCS-2 Polyclonal Antibody diluted at 1: 1000

注意事项 (Note)

For research use only .