

**SOCS4 Antibody (C-Term)**  
Peptide-affinity purified goat antibody  
Catalog # AF2255a

**Specification**

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**SOCS4 Antibody (C-Term) - Product Information**

Application	IHC
Primary Accession	<a href="#">Q8WXH5</a>
Other Accession	<a href="#">NP_543143.1</a> , <a href="#">NP_955453.1</a> , <a href="#">122809</a>
Reactivity	Human
Predicted	Pig
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	50623

**SOCS4 Antibody (C-Term) - Additional Information**

**Gene ID** 122809

**Other Names**

Suppressor of cytokine signaling 4, SOCS-4, Suppressor of cytokine signaling 7, SOCS-7, SOCS4, SOCS7

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

SOCS4 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**SOCS4 Antibody (C-Term) - Protein Information**

**Name** SOCS4

**Synonyms** SOCS7

**Function**

SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. 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. Inhibits EGF signaling

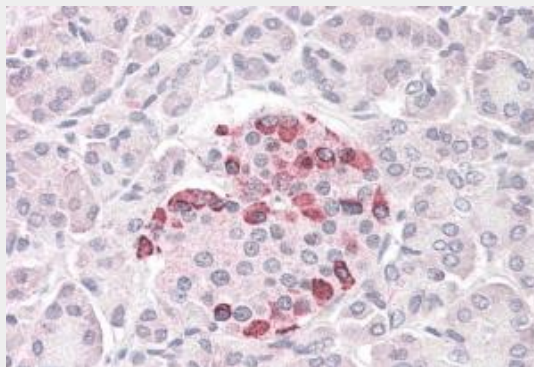
by mediating the degradation of the Tyr-phosphorylated EGF receptor/EGFR.

### **SOCS4 Antibody (C-Term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **SOCS4 Antibody (C-Term) - Images**



AF2255a (3.8  $\mu\text{g/ml}$ ) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

### **SOCS4 Antibody (C-Term) - Background**

Both variants represent identical protein (NP\_543143.1 and NP\_955453.1).

### **SOCS4 Antibody (C-Term) - References**

Suppressors of cytokine signaling 4 and 5 regulate epidermal growth factor receptor signaling. Kario E, Marmor MD, Adamsky K, Citri A, Amit I, Amariglio N, Rechavi G, Yarden Y. J Biol Chem. 2005 Feb 25;280(8):7038-48. PMID: 15590694