

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

Specification

SOCS4 Antibody (C-Term) - Product Information

Application	IHC
Primary Accession	Q8WXH5
Other Accession	NP_543143.1 , NP_955453.1 , 122809
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

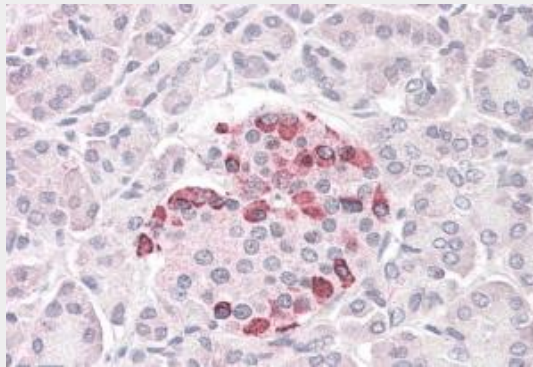
by mediating the degradation of the Tyr-phosphorylated EGF receptor/EGFR.

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