

SOCS4 Antibody
Goat Polyclonal Antibody
Catalog # ALS14940**Specification**

SOCS4 Antibody - Product Information

Application	IHC
Primary Accession	Q8WXH5
Reactivity	Human, Rabbit, Monkey, Pig, Horse, Bovine, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	51kDa KDa

SOCS4 Antibody - Additional Information**Gene ID** 122809**Other Names**

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

Target/Specificity

Human SOCS4. Both variants represent identical protein (NP_543143.1 and NP_955453.1).

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

SOCS4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

SOCS4 Antibody - Protein Information**Name** SOCS4**Synonyms** SOCS7**Function**

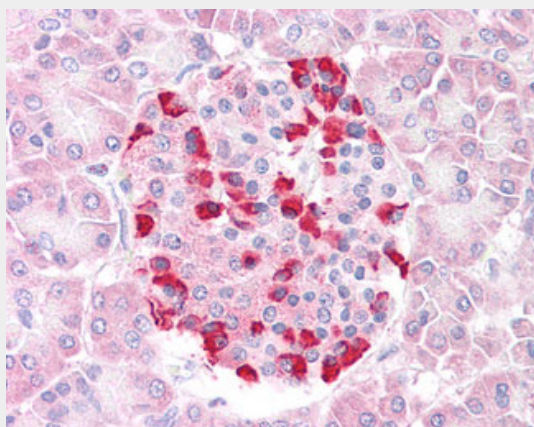
SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. Substrate- recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Inhibits EGF signaling by mediating the degradation of the Tyr-phosphorylated EGF receptor/EGFR.

SOCS4 Antibody - 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 - Images



Anti-SOCS4 antibody IHC of human pancreas.

SOCS4 Antibody - Background

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 - References

Hilton D.J.,et al.Submitted (SEP-2001) to the EMBL/GenBank/DDBJ databases.
Kario E.,et al.J. Biol. Chem. 280:7038-7048(2005).
Bullock A.N.,et al.Structure 15:1493-1504(2007).