

DNAxPAb

Hard-to-Find
Antibody

SOCS2 DNAxPab

Catalog # H00008835-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SOCS2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MTLRCLEPSGNGGEGTRSQWGTAGSAEEPSPQAARLAKALRELGQTGWYWGSMTVNEAKEKL KEAPEGTFLIRDSSHS DYLLTISVKTSAGPTNLRIEYQDGKFR LDSIICVKSKLKQFDSVVHLIDYYVQ MCKDKRTGPEAPRNGTVHLYLT KPLYTSAPSLQHL CRLTINKCTGAWGLPLPTR LKDYLEEYKFQ V
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — SOCS2

Entrez GeneID	8835
GeneBank Accession#	NM_003877.3
Protein Accession#	NP_003868.1
Gene Name	SOCS2
Gene Alias	CIS2, Cish2, SOCS-2, SSI-2, SSi2, STAT2
Gene Description	suppressor of cytokine signaling 2
Omim ID	605117
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the STAT-induced STAT inhibitor (SSI), also known as suppressor of cytokine signaling (SOCS), family. SSI family members are cytokine-inducible negative regulators of cytokine signaling. The expression of this gene can be induced by a subset of cytokines, including erythropoietin, GM-CSF, IL10 and interferon (IFN)-gamma. The protein encoded by this gene is found to interact with the cytoplasmic domain of insulin-like growth factor-1 receptor (IGF1R), and thus is thought to be involved in the regulation of IGF1R mediated cell signaling. Knockout studies in mice also suggested a regulatory role of this gene in IGF-1 related growth control. [provided by RefSeq]
Other Designations	STAT induced STAT inhibitor-2 cytokine-inducible SH2 protein 2 suppressor of cytokine signaling -2

Pathway

- [Insulin signaling pathway](#)
- [Jak-STAT signaling pathway](#)
- [Type II diabetes mellitus](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Bronchiolitis](#)

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Infant](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Respiratory Syncytial Virus Infections](#)