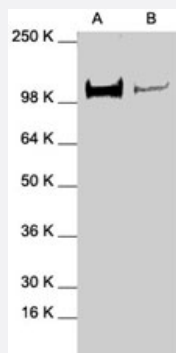


STAT2 polyclonal antibody

Catalog # PAB0831 Size 200 ug

Applications



Western Blot

Western blot analysis of STAT2 polyclonal antibody (Cat # PAB0831) in expression in A-431 (A) and HeLa (B) whole cell lysates.

Specification

Product Description	Rabbit polyclonal antibody raised against a synthetic peptide of STAT2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human STAT2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	Western Blot (1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.2% gelatin, 0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of STAT2 polyclonal antibody (Cat # PAB0831) in expression in A-431 (A) and HeLa (B) whole cell lysates.

Gene Info — STAT2

Entrez GeneID	6773
Gene Name	STAT2
Gene Alias	ISGF-3, MGC59816, P113, STAT113
Gene Description	signal transducer and activator of transcription 2, 113kDa
Omim ID	600556
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the STAT protein family. In response to cytokine s and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. In response to interferon (IFN), this protein forms a complex with STAT1 and I FN regulatory factor family protein p48 (ISGF3G), in which this protein acts as a transactivator, but lacks the ability to bind DNA directly. Transcription adaptor P300/CBP (EP300/CREBBP) has been shown to interact specifically with this protein, which is thought to be involved in the process of blocking IFN-alpha response by adenovirus. [provided by RefSeq]
Other Designations	interferon alpha induced transcriptional activator signal transducer and activator of transcription 2

Publication Reference

- [Upregulation of a small subset of genes drives type I interferon-induced antiviral memory.](#)

Jaitin DA, Schreiber G.

Journal of Interferon & Cytokine Research: the Official Journal of the International Society for Int 2007 Sep; 27(8):653.

Pathway

- [Chemokine signaling pathway](#)

- [Jak-STAT signaling pathway](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hepatitis C](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Neutropenia](#)
- [Thrombocytopenia](#)
- [Thyroid Neoplasms](#)