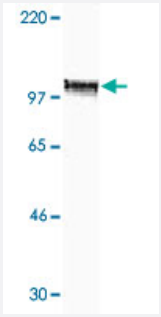
STAT2 polyclonal antibody

Catalog # PAB13772 Size 200 uL

Applications



Western Blot (Cell lysate)

HeLa cell extract was resolved by electrophoresis, transferred to nitrocellulose, and probed with STAT2 polyclonal antibody (Cat # PAB13772).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of STAT2.
Immunogen	A synthetic peptide corresponding to C-terminus of human STAT2.
Host	Rabbit
Reactivity	Human
Specificity	Recognizes STAT2.
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (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 shoul d be handled by trained staff only.

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Applications

- Immunohistochemistry
- Immunoprecipitation
- Western Blot (Cell lysate)

  HeLa cell extract was resolved by electrophoresis, transferred to nitrocellulose, and probed with STAT2 polyclonal antibody (Cat # PAB13772).

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 kinas es, and then form homo- or heterodimers that translocate to the cell nucleus where they act as tran scription 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 be en 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

Pathway

- Chemokine signaling pathway
- Jak-STAT signaling pathway

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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

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