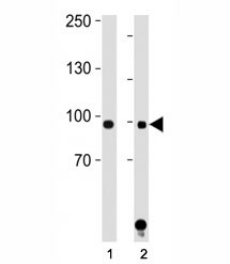
STAT1 Antibody (F47593)

Catalog No.	Formulation	Size
F47593-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47593-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P42224
Applications	Western blot: 1:1000
Limitations	This STAT1 antibody is available for research use only.



STAT1 antibody western blot analysis in (1) HeLa and (2) Jurkat lysate. Predicted molecular weight: ~91/84kDa (alpha/beta).

Description

The protein encoded by this gene is a member of the STAT protein family. In response to cytokines 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. This protein can be activated by various ligands including interferon-alpha, interferon-gamma, EGF, PDGF and IL6. This protein mediates the expression of a variety of genes, which is thought to be important for cell viability in response to different cell stimuli and pathogens. Two alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq].

Learn more about STAT1 function, interferon signaling, and JAK-STAT pathway regulation on our STAT1 Antibody / JAK-STAT Pathway Transcription Factor page.

Application Notes

Titration of the STAT1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 717-745 from the human protein was used as the immunogen for this STAT1 antibody.

Storage

Aliquot the STAT1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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