

Phospho-STAT2-Y690

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:1000

Calculated MW: 113kDa

Observed MW: Refer to Figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding Y690 of human STAT2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

ko

Synonym:

P113; ISGF-3; STAT113;

Catalog #: AP0284

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6773

Isotype: IgG

Swiss Prot: P52630

Purity: Affinity purification

For research use only.

Background:

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. In response to interferon (IFN), this protein forms a complex with STAT1 and IFN 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. Multiple transcript variants encoding different isoforms have been found for this gene.

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