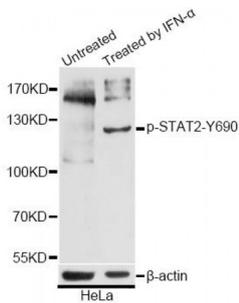


STAT2 (pY690) Antibody

Catalogue No.: abx000335



Western blot analysis of extracts of HeLa cells, using Phospho-STAT2-Y690 antibody (abx000335) at 1/2000 dilution. HeLa cells were treated by IFN- α (100ng/ml) for 30 minutes after serum-starvation overnight.

STAT2 (pY690) Antibody is a Rabbit Polyclonal antibody against STAT2 (pY690). 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.

Target: STAT2 (pY690)

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB

Recommended dilutions: WB: 1/500 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Synthetic Peptide. A phospho specific peptide corresponding to residues surrounding Y690 of human STAT2.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 97 kDa
Observed MW: 125 kDa

Swiss Prot: [P52630](#)

GeneID: [6773](#)

Gene Symbol: STAT2

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.