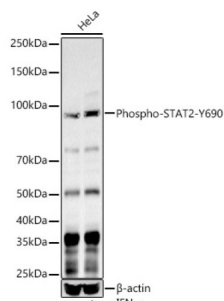


Signal Transducer and Activator of Transcription 2 Phospho-Tyr690 (STAT2 pY690) Antibody

Catalogue No.: abx000335



Western blot analysis of lysates from HeLa cells, using Phospho-STAT2-Y690 Antibody at 1/500 dilution. HeLa cells were treated by IFN- α (100 ng/ml) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 60s.

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:	Signal Transducer and Activator of Transcription 2 Phospho-Tyr690 (STAT2 pY690)
Clonality:	Polyclonal
Target Modification:	Tyr690
Modification:	Phosphorylation
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	ELISA: 1 μ g/ml, WB: 1/100 - 1/500. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Synthetic peptide corresponding to STAT2 pY690. The exact sequence is proprietary.
Isotype:	IgG

Datasheet

Version: 6.0.0
Revision date: 18 Sep 2025



Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P52630 (UniProt , ExPASy)
Gene Symbol:	STAT2
GeneID:	6773
NCBI Accession:	NP_005410.1
KEGG:	hsa:6773
String:	9606.ENSP00000315768
Molecular Weight:	Calculated MW: 98 kDa Observed MW: 97 kDa
Buffer:	PBS, pH 7.3, containing 0.09% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.