

Stat2 (phospho Tyr631) Polyclonal Antibody

Catalog No: #13505

Package Size: #13505-1 50ul #13505-2 100ul

Description

Product Name	Stat2 (phospho Tyr631) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC, IF, ELISA
Species Reactivity	Human, Mouse, Rat
Specificity	Phospho-Stat2 (Y631) Polyclonal Antibody detects endogenous levels of Stat2 protein only when phosphorylated at Y631.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human STAT2 around the phosphorylation site of Tyr631. AA range:597-646
Conjugates	Unconjugated
Other Names	STAT2; Signal transducer and activator of transcription 2; p113
Accession No.	Swiss Prot:P52630GeneID:6773
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

IHC 1:100-1:300; ELISA 1:40000; IF 1:50-200

Background

signal transducer and activator of transcription 2(STAT2) Homo sapiens 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. [provided by RefSeq, Mar 2010],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.