

Stat2 (Acetyl Lys384) Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP12834
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human Stat2 (Acetyl Lys384)
Mol wt	93610
Species reactivity	Human, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Stat2
Synonyms	Stat2 ;Acetyl Lys384; Signal transducer and activator of transcription 2; p113

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Signal transducer and activator of transcription that mediates signaling by type I IFNs (IFN-alpha and IFN-beta). Following type I IFN binding to cell surface receptors| Jak kinases (TYK2 and JAK1) are activated| leading to tyrosine phosphorylation of STAT1 and STAT2. The phosphorylated STATs dimerize| associate with ISGF3G/IRF-9 to form a complex termed ISGF3 transcription factor| that enters the nucleus. ISGF3 binds to the IFN stimulated response element (ISRE) to activate the transcription of interferon stimulated genes| which drive the cell in an antiviral state.|PTM:Tyrosine phosphorylated in response to IFN-alpha.|Belongs to the transcription factor STAT family.|Contains 1 SH2 domain.|subcellular location:Translocated into the nucleus upon activation by IFN-alpha/beta.|subunit:Interacts with ISGF3G/IRF-9 in the cytoplasm. Heterodimer with STAT1 upon IFN-alpha/beta induced phosphorylation. Interacts with CRSP2 and CRSP6. Interacts with Simian virus 5 protein V and rabies virus phosphoprotein.|

Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year