

## Basic Information

<b>Product Name</b>	Anti-STAT1 Antibody
<b>Gene Name</b>	STAT1
<b>Source</b>	Rabbit
<b>Isotype</b>	IgG
<b>Species Reactivity</b>	human, mouse, rat
<b>Tested Application</b>	WB
<b>Contents</b>	500 ug/ml antibody with PBS , 0.02% NaN <sub>3</sub> , 1 mg BSA and 50% glycerol.
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence in the middle region of human STAT1(364-378aa FDKDVNERNTVKGFR), different from the related mouse sequence by one amino acid.
<b>concentration</b>	500 ug/ml
<b>Purification</b>	Immunogen affinity purified.
<b>Observed MW</b>	91KD(Alpha)/84KD(Beta)
<b>Dilution Ratios</b>	Western blot(WB):1:500-2000

## Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

## Background Information

Signal transducer and activator of transcription 1 (STAT1) is a transcription factor which in humans is encoded by the STAT1 gene. 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. This protein can be activated by various ligands including interferon-alpha, interferon-gamma, EGF, PDGF and IL6. This protein mediates the expression of a variety of genes, which is thought to be important for cell viability in response to different cell stimuli and pathogens. Two alternatively spliced transcript variants encoding distinct isoforms have been described.

## Reference

Anti-STAT1 Antibody被引用在1文献中。

Product datasheet

## Anti-STAT1 Antibody

Catalog Number: **BA0619-2**

# BOSTER

antibody and ELISA experts

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## Selected Validation Data



STAT1(BA0619-2)大鼠脑, 脾, 胸腺, 胎盘, 人的MCF-7, HELA, Jurkat, RAJI, CEM细胞裂解, 免疫印迹分析。