

Datasheet for ABIN5689352
anti-STAT2 antibody (AA 688-692)



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Overview

Quantity:	0.1 mg
Target:	STAT2
Binding Specificity:	AA 688-692
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	STAT2 (Ab-690) antibody was raised against a peptide sequence around aa.688~692 (R-K-Y-L-K) derived from Human STAT2.
Specificity:	This antibody detects endogenous level of total STAT2 protein.
Purification:	Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Target Details

Target:	STAT2
Alternative Name:	STAT2 (STAT2 Products)
Background:	STAT2 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

Target Details

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.

Molecular Weight: 113 kDa

Gene ID: 6773

NCBI Accession: [NP_005410](#)

UniProt: [P52630](#)

Pathways: [JAK-STAT Signaling](#), [Hepatitis C](#), [CXCR4-mediated Signaling Events](#)

Application Details

Application Notes: Western Blot: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Antibody supplied in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store antibody at -20°C for up to one year.