

Datasheet for ABIN363104
anti-STAT2 antibody (AA 688-692)



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Overview

Quantity:	100 µL
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:	Peptide sequence around AA 688-692 (R-K-Y-L-K) derived from Human STAT2. Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates.
Isotype:	IgG
Specificity:	The antibody detects endogenous level of total STAT2 protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Specificity/Sensitivity Stat2 (Ab-690) Antibody detects endogenous levels of total Stat2 protein.

Target Details

Target:	STAT2
Alternative Name:	Stat2 (STAT2 Products)

Target Details

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 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- α response by adenovirus.
Molecular Weight:	113 kDa
NCBI Accession:	NP_005410
UniProt:	P52630
Pathways:	JAK-STAT Signaling , Hepatitis C , CXCR4-mediated Signaling Events

Application Details

Application Notes:	Western blotting: 1:500-1:1000 Immunohistochemistry: 1:50-1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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:	4 °C/-20 °C
Storage Comment:	Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.