Datasheet for ABIN357081

anti-STAT2 antibody (C-Term)

2 Images

Go to Product page

Overview

Quantity:	0.4 mL
Target:	STAT2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAT2 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human STAT2.
Isotype:	Ig Fraction
Specificity:	This antibody detects STAT2 at C-term.
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

Target Details

Target:	STAT2
Alternative Name:	STAT2 (STAT2 Products)

Target Details

Background:	STAT2 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.Synonyms: Signal transducer and activator of transcription 2, p113
Molecular Weight:	97916 Da
Gene ID:	6773, 9606
UniProt:	P52630
Pathways:	JAK-STAT Signaling, Hepatitis C, CXCR4-mediated Signaling Events

Application Details

Application Notes:	ELISA 1 : 1,000. Immunohistochemistry 1: 50 - 1: 100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.

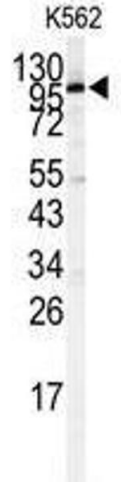

Image 1.

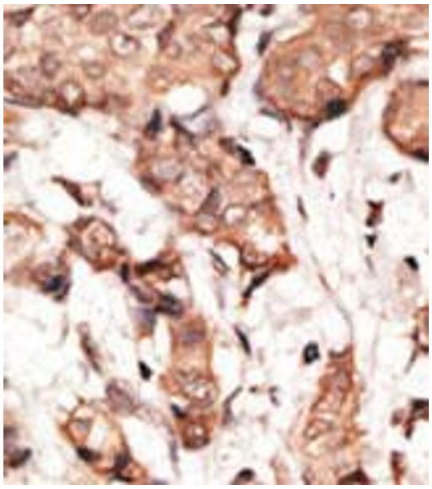

Image 2.

