-online.com antibodies

Datasheet for ABIN738246 anti-STAT2 antibody (AA 151-250)

6 Images



Overview

Quantity:	100 µL
Target:	STAT2
Binding Specificity:	AA 151-250
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAT2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human STAT2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.
Target Details	
Target:	STAT2
Alternative Name:	STAT2 (STAT2 Products)

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Target Details

Background:	Synonyms: P113, ISGF-3, STAT113, Signal transducer and activator of transcription 2, STAT2
	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 IRF9/ISGF3G 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.
Gene ID:	6773
UniProt:	P52630
Pathways:	JAK-STAT Signaling, Hepatitis C, CXCR4-mediated Signaling Events

Application Details

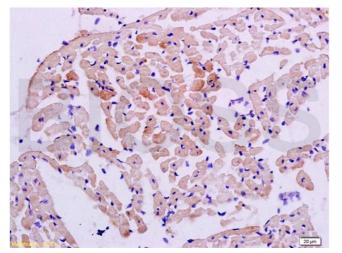
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

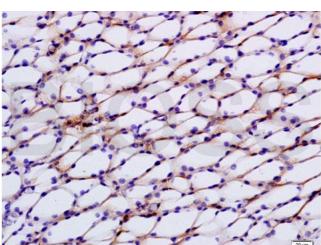
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Images



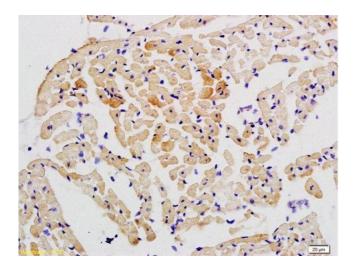
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat heart tissue labeled with Anti-STAT2 Polyclonal Antibody, Unconjugated (ABIN738246) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded rat kidney tissue labeled with Anti-STAT2 Polyclonal Antibody, Unconjugated (ABIN738246) at 1:200 followed by conjugation to the secondary antibody, (SP-0023), and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded rat heart tissue labeled with Anti-STAT2 Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining

Please check the product details page for more images. Overall 6 images are available for ABIN738246.

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