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Datasheet for ABIN7443806 anti-STAT1 antibody (AA 343-602)

6 Images



Overview

Quantity:	100 µL
Target:	STAT1
Binding Specificity:	AA 343-602
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Signal Transducer And Activator Of Transcription 1 (STAT1)
Immunogen:	Recombinant Signal Transducer And Activator Of Transcription 1 (STAT1) corresdonding to Val343~Arg602 with N-terminal His Tag
lsotype:	lgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against STAT1. It has been selected for its ability to recognize STAT1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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Target Details

Target:	STAT1
Alternative Name:	Signal Transducer And Activator Of Transcription 1 (STAT1 Products)
Background:	ISGF-3, STAT91, Transcription Factor ISGF-3 Components p91/p84
Pathways:	JAK-STAT Signaling, RTK Signaling, Interferon-gamma Pathway, Response to Growth Hormone
	Stimulus, Cellular Response to Molecule of Bacterial Origin, Positive Regulation of
	Endopeptidase Activity, Hepatitis C, CXCR4-mediated Signaling Events

Application Details

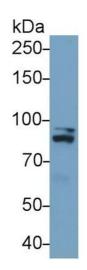
Application Notes:	Western blotting: 0.5-3 µg/mL
	Immunohistochemistry: 5-30 µg/mL
	Immunocytochemistry: 5-30 µg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37 $^\circ C$ for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.

Restrictions: For Research Use only

Handling

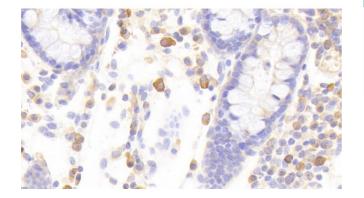
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

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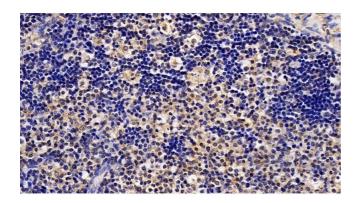
Western Blotting

Image 1. Detection of STAT1 in Porcine Spleen lysate using Polyclonal Antibody to Signal Transducer And Activator Of Transcription 1 (STAT1)



Immunohistochemistry

Image 2. Detection of STAT1 in Human Colon Tissue using Polyclonal Antibody to Signal Transducer And Activator Of Transcription 1 (STAT1)



Immunohistochemistry

Image 3. Detection of STAT1 in Human Lymph node Tissue using Polyclonal Antibody to Signal Transducer And Activator Of Transcription 1 (STAT1)

Please check the product details page for more images. Overall 6 images are available for ABIN7443806.

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