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Datasheet for ABIN657671 anti-STAT2 antibody (N-Term)

2 Images



Overview

Quantity:	400 μL
Target:	STAT2
Binding Specificity:	AA 186-215, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This STAT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 186-215 amino acids from the N-terminal region of human STAT2.
Clone:	RB33744
lsotype:	Ig Fraction
Predicted Reactivity:	Pig
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
T 10 1 1	

Target Details

Target:	STAT2
Alternative Name:	STAT2 (STAT2 Products)
Background:	The protein encoded by this gene is a member of the STAT protein family. In response to

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	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. Multiple
	transcript variants encoding different isoforms have been found for this gene. [provided by
	RefSeq].
Molecular Weight:	97916
Gene ID:	6773
NCBI Accession:	NP_005410, NP_938146
UniProt:	P52630
Pathways:	JAK-STAT Signaling, Hepatitis C, CXCR4-mediated Signaling Events

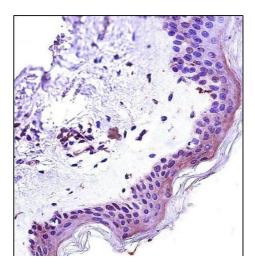
Application Details

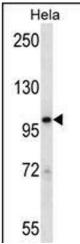
Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in 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.
Storage:	4 °C,-20 °C
Storage Comment:	STAT2 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. STAT2 Antibody (N-term) (ABIN657671 and ABIN2846664) immunohistochemistry analysis in formalin fixed and paraffin embedded human skin tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of STAT2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. STAT2 Antibody (N-term) (ABIN657671 and ABIN2846664) western blot analysis in Hela cell line lysates (35 µg/lane).This demonstrates the STAT2 antibody detected the STAT2 protein (arrow).

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