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Datasheet for ABIN7262925 anti-STAT4 antibody

/ Images



Overview

Quantity:	200 µL
Target:	STAT4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAT4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human STAT4 (NP_003142.1).
lsotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	STAT4
Alternative Name:	STAT4 (STAT4 Products)
Background:	The protein encoded by this gene is a member of the STAT family of transcription factors. 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. This protein is essential for mediating

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Target Details

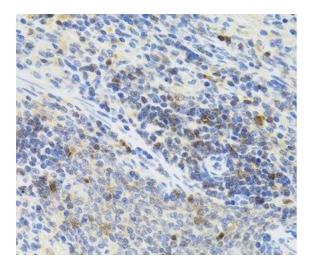
	responses to IL12 in lymphocytes, and regulating the differentiation of T helper cells. Mutations
	in this gene may be associated with systemic lupus erythematosus and rheumatoid arthritis.
	Alternate splicing results in multiple transcript variants that encode the same protein.
Molecular Weight:	Observed_MW: 76 kDa
	Calculated_MW: 85 kDa
Gene ID:	6775
UniProt:	Q14765
Pathways:	JAK-STAT Signaling

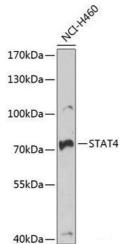
Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



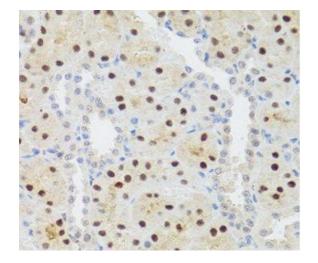


Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Rat spleen using STAT4 Polyclonal Antibody at dilution of 1:100 (40x lens).

Western Blotting

Image 2. Western blot analysis of extracts of NCI-H460 cells using STAT4 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Rat kidney using STAT4 Polyclonal Antibody at dilution of 1:100 (40x lens).

Please check the product details page for more images. Overall 7 images are available for ABIN7262925.

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