

Datasheet for ABIN7299464

anti-STAT4 antibody (C-Term, pTyr693)



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2 Images

Overview

Quantity:	100 µL
Target:	STAT4
Binding Specificity:	C-Term, pTyr693
Reactivity:	Human, Mouse, Rat, Pig, Dog, Rabbit, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAT4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human STAT4.
Specificity:	Recognizes endogenous levels of STAT4 (pY693) protein.
Characteristics:	Rabbit polyclonal antibody to STAT4 (pY693)
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	STAT4
Alternative Name:	STAT4 (STAT4 Products)
Background:	Signal transducer and activator of transcription 4

Target Details

Gene ID:	6775, 20849
UniProt:	Q14765 , P42228
Pathways:	JAK-STAT Signaling

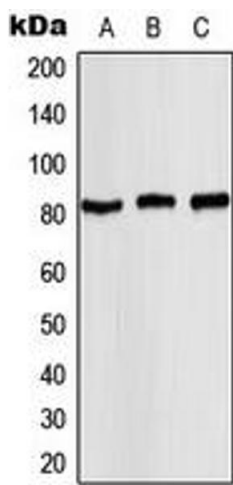
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

Handling

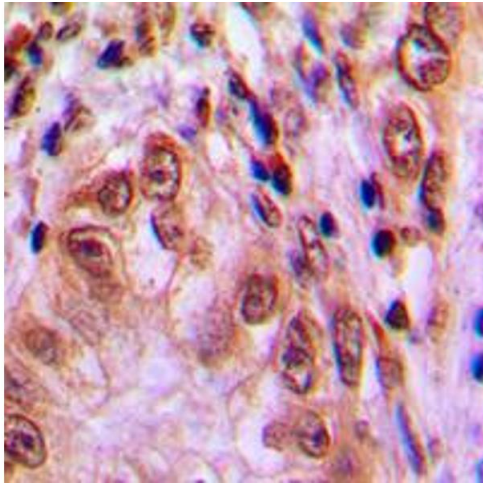
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Western blot analysis of STAT4 (pY693) expression in MCF7 (A), mouse kidney (B), rat kidney (C) whole cell lysates.



Immunohistochemistry

Image 2. Immunohistochemical analysis of STAT4 (pY693) staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.