

Datasheet for ABIN7213024
anti-JNK antibody (pThr183)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	JNK (MAPK8)
Binding Specificity:	pThr183
Reactivity:	Human, Mouse, Rat, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	JNK1/2/3 (phospho Thr183/Y185) Polyclonal Antibody
Immunogen:	Synthesized peptide derived from human JNK1/2/3 Phospho-Thr183/Y185
Isotype:	IgG
Specificity:	Phospho-JNK1/2/3 (T183/Y185) Polyclonal Antibody detects endogenous levels of JNK1/2/3 protein only when phosphorylated at T183/Y185.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

Target Details

Target:	JNK (MAPK8)
Alternative Name:	JNK1/2/3 (MAPK8 Products)

Target Details

Background:	Rabbit Anti-JNK1/2/3 (phospho Thr183/Y185) Polyclonal Antibody,MAPK8, JNK1, PRKM8, SAPK1, SAPK1C, Mitogen-activated protein kinase 8, MAP kinase 8, MAPK 8, JNK-46, Stress-activated protein kinase 1c, SAPK1c, Stress-activated protein kinase JNK1, c-Jun N-terminal kinase 1, MAPK9, JNK2, PRKM9, SAPK1A, Mi,Mitogen-activated protein kinase 8 encoded by MAPK8 is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. Mitogen-activated protein kinase 8 is activated by various cell stimuli, and targets specific transcription factors, and thus mediates immediate-early gene expression in response to cell stimuli. The activation of this kinase by tumor-necrosis factor alpha (TNF-alpha) is found to be required for TNF-alpha induced apoptosis. Mitogen-activated protein kinase 8 is also involved in UV radiation induced apoptosis, which is thought to be related to cytochrom c-mediated cell death pathway. Studies of the mouse counterpart of MAPK8 suggested that this kinase play a key role in T cell proliferation, apoptosis and differentiation. Several alternatively spliced transcript variants encoding distinct isoforms have been reported.,Mitogen-activated protein kinase 8
Molecular Weight:	observerd band 46+54kDa
Gene ID:	5599, 5601, 5602
Pathways:	MAPK Signaling , WNT Signaling , TLR Signaling , Fc-epsilon Receptor Signaling Pathway , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Hepatitis C , Toll-Like Receptors Cascades , Signaling of Hepatocyte Growth Factor Receptor , S100 Proteins

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:10000). Not yet tested in other applications.
Comment:	Primary Antibody
Restrictions:	For Research Use only

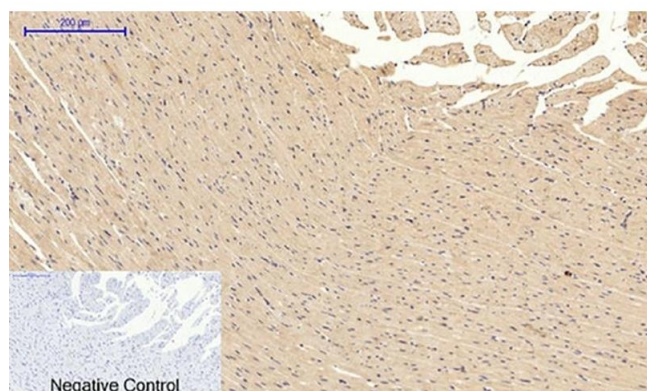
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS containing 50 % Glycerol, 0.5 % BSA and 0.02 % Sodium Azide.

Handling

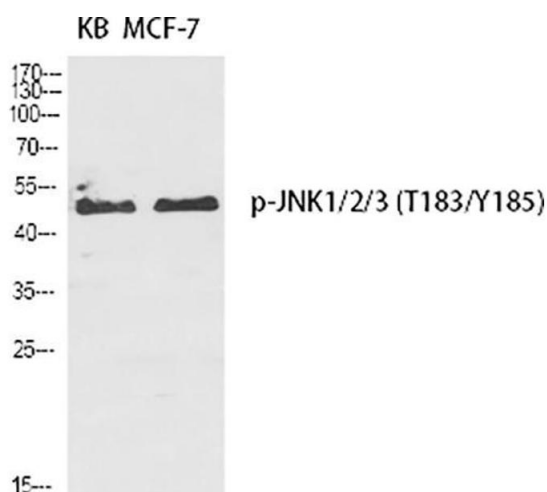
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

Images



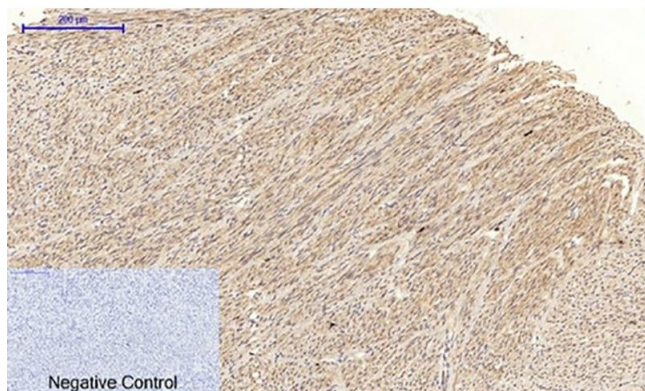
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded rat heart tissue. 1, JNK1/2/3 (phospho Thr183/Y185) Polyclonal Antibody was diluted at 1:200 (4 °C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98 °C, 20 min). 3, secondary antibody was diluted at 1:200 (room temperature, 30 min). Negative control was used by secondary antibody only.



Western Blotting

Image 2. Western Blot analysis of KB (1), MCF-7 (2), diluted at 1:2000.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded human uterus tissue. 1, JNK1/2/3 (phospho Thr183/Y185) Polyclonal Antibody was diluted at 1:200 (4 °C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98 °C, 20 min). 3, secondary antibody was diluted at 1:200 (room temperature, 30 min). Negative control was used by secondary antibody only.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7213024.