



[Go to Product page](#)

Datasheet for ABIN7268630  
**anti-MAPK8/9/10 antibody**

4 Images

### Overview

Quantity:	100 µL
Target:	MAPK8/9/10
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPK8/9/10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

### Product Details

Purpose:	JNK1/2/3 Rabbit pAb
Immunogen:	Recombinant protein of human JNK1/2/3.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

### Target Details

Target:	MAPK8/9/10
Alternative Name:	MAPK8/MAPK9/MAPK10 ( <a href="#">MAPK8/9/10 Products</a> )
Background:	JNK belongs to MAP kinase family. MAP kinases act as an integration point for multiple

## Target Details

---

biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. JNK 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. This kinase 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 this gene suggested that this kinase play a key role in T cell proliferation, apoptosis and differentiation. JNK is expressed as ten different isoforms due to differential mRNA splicing. The predominant forms are JNK1, JNK2, and JNK3, MAPK8/MAPK9/MAPK10

---

Molecular Weight: 35kDa/44kDa/48kDa/27kDa/52kDa

---

Gene ID: 5599, 5601, 5602

---

UniProt: [P45983](#), [P45984](#), [P53779](#)

## Application Details

---

---

Application Notes: WB, 1:500 - 1:2000, IHC, 1:50 - 1:200, IP, 1:50 - 1:200

---

Restrictions: For Research Use only

## Handling

---

---

Format: Liquid

---

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

---

Preservative: Sodium azide

---

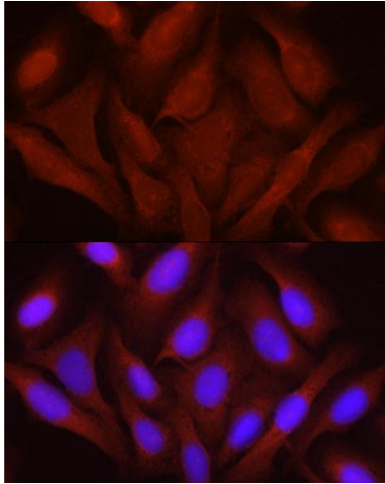
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

---

Storage: -20 °C

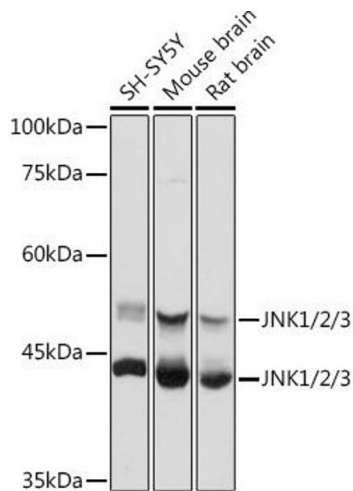
---

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



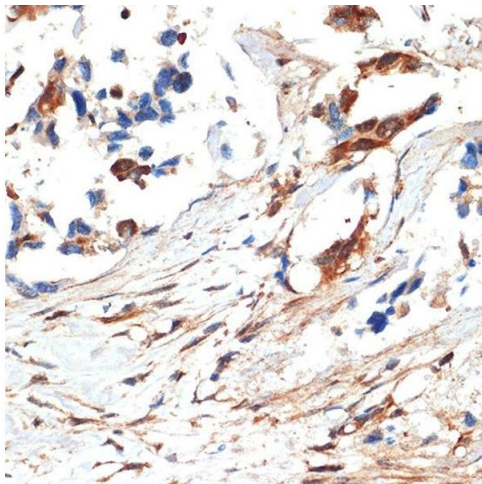
### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U2OS cells using JNK1/2/3 Rabbit pAb (ABIN7268630) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using JNK1/2/3 antibody (ABIN7268630) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human lung cancer using JNK1/2/3 Rabbit pAb (ABIN7268630) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7268630.