Anti-JNK1/2/3 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R010272

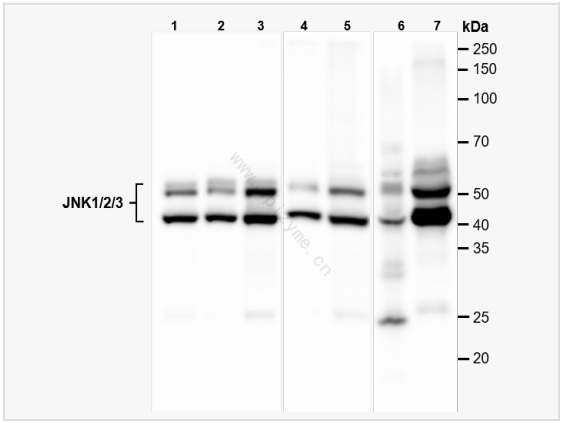
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	62M83L63
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human JNK1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20℃. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20℃ storage.
Precautions	Anti-JNK1/2/3 Rabbit mAb [62M83L63] is for research use only and not for use in diagnostic or therapeutic procedures.

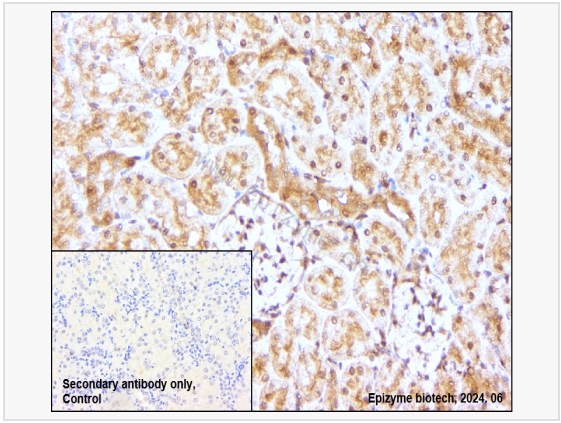
Protein Information

Synonyms	JNK, JNK1, JNK3, PRKM8, SAPK1, JNK-46, JNK1A2, SAPK1c, JNK21B1/2, MAPK10, c Jun N terminal kinase 1, c Jun N terminal kinase 2, c Jun N terminal kinase 3, JNK2 ALPHA, JNK2 BETA, MAPK8, Mitogen activated protein kinase 10, Mitogen activated protein kinase 8, Mitogen activated protein kinase 9, SAPK(beta), Stress activated protein kinase JNK1, Stress activated protein kinase JNK2, Stress activated protein kinase JNK3, SAPK, p54a, JNK2B, JNK-55, SAPK1a, p54aSAPK.
Calculated MW	Calculated MW: 48 kDa; Observed MW: 46 kDa, 54 kDa
Uniprot ID	P45983
Gene ID	5599
Background	The protein encoded by this gene 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. This kinase 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

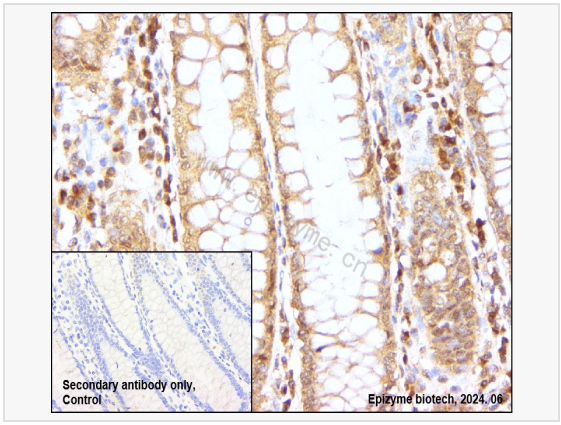
Validation Images



Western Blot - Anti-JNK1/2/3 Rabbit mAb [62M83L63]
All lanes: R010272 at 1:1,000 dilution
Lane 1: HeLa (human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: MCF7 (human breast adenocarcinoma epithelial cell) whole cell lysates
Lane 3: Jurkat (human T lymphocytic leukemia cell) whole cell lysates
Lane 4: U2OS (human osteosarcoma epithelial cell) whole cell lysates
Lane 5: SW620 (human colorectal carcinoma epithelial cell) whole cell lysates
Lane 6: Rat spleen whole tissue lysates
Lane 7: Balb/c mouse brain whole tissue lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 48 kDa
Observed band size: 46 kDa, 54 kDa
Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-JNK1/2/3 Rabbit mAb [62M83L63]
Sample: Paraformaldehyde-fixed, paraffin embedded rat kidney tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R010272 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-JNK1/2/3 Rabbit mAb [62M83L63]
Sample: Paraformaldehyde-fixed, paraffin embedded human colorectal carcinoma tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R010272 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.