

Anti-JNK3 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

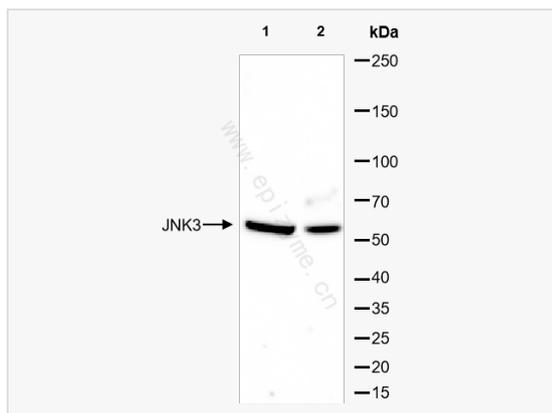
Catalog # R013883

Product Information

Application	ELISA, WB, IHC-P/IF (Tissue-P)
Reactivity	Human, Rat
Dilution	WB 1:1,000~1:4,000; IHC-P 1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	49H40K11
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human JNK3
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°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-JNK3 Rabbit mAb [49H40K11] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Mitogen-activated protein kinase 10, MAP kinase 10, MAPK 10, MAP kinase p49 3F12, Stress-activated protein kinase 1b, SAPK1b, MAPK10, JNK3, JNK3A, PRKM10, SAPK1B.
Calculated MW	Calculated MW: 53 kDa, 49 kDa, 32 kDa; Observed MW: 53 kDa
Uniprot ID	P53779
Background	The stress-activated protein kinase/Jun-amino-terminal kinase SAPK/JNK is potently and preferentially activated by a variety of environmental stresses including UV and gamma radiation, ceramides, inflammatory cytokines, and in some instances, growth factors and GPCR agonists. Plays regulatory roles in the signaling pathways during neuronal apoptosis.



Western Blot - Anti-JNK3 Rabbit mAb [49H40K11]

All lanes: R013883 at 1:4,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: Rat brain whole tissue lysates

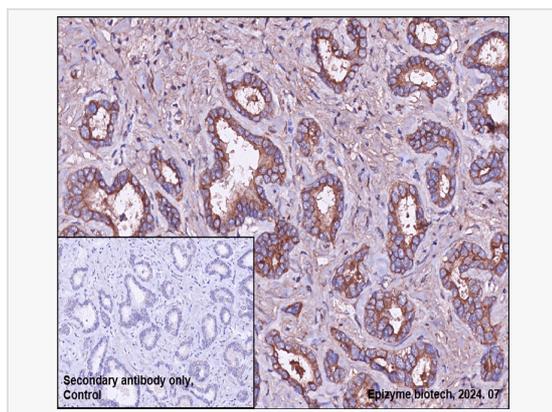
Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 53 kDa, 49 kDa, 32 kDa

Observed band size: 53 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-JNK3 Rabbit mAb [49H40K11]

Sample: Paraformaldehyde-fixed, paraffin embedded human hepatoma carcinoma tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013883 at 1:200 dilution

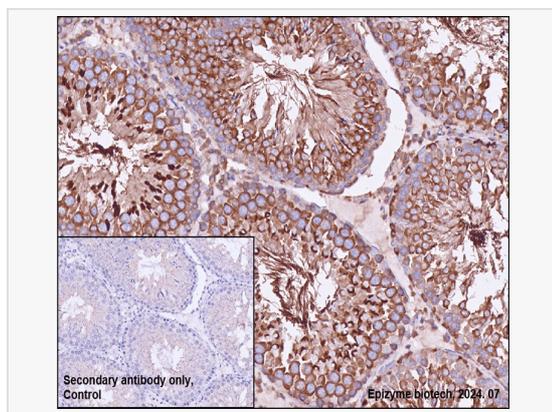
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

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-JNK3 Rabbit mAb [49H40K11]

Sample: Paraformaldehyde-fixed, paraffin embedded rat testis tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013883 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.