

Phospho-JNK1/2/3-T183/T183/T221 Rabbit Monoclonal Antibody

CABP0631



Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

46kDa/56kDa

Calculated MW:

35kDa/44kDa/48kDa/27kDa/
52kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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 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. Several alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Apr 2016]

Immunogen information

Gene ID:

5599/5601/5602

Uniprot

P45983/P45984/P53779

Synonyms:

JNK1/JNK2/JNK3

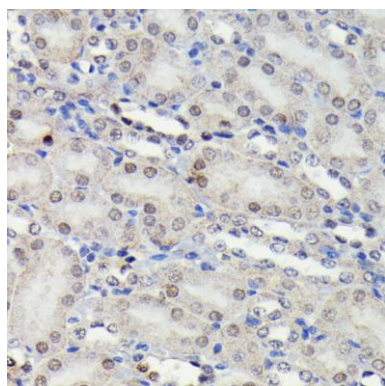
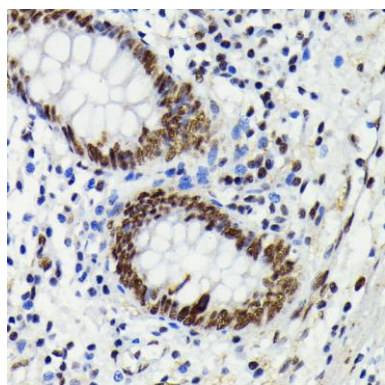
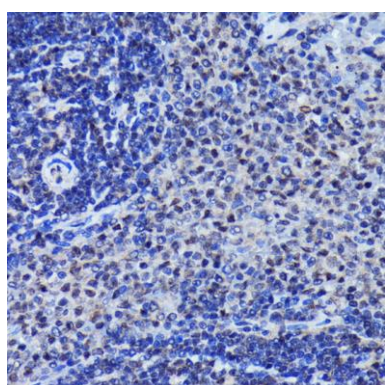
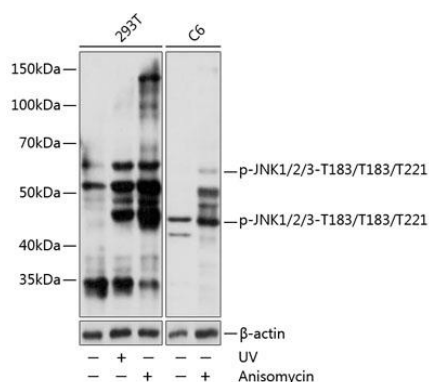
Immunogen:

A phospho specific peptide corresponding to residues surrounding T183/T183/T221 of human JNK1/2/3

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using Phospho-JNK1/2/3-T183/T183/T221 Rabbit mAb (CABP0631) at 1:1000 dilution. 293T cells were treated by UV at room temperature for 15-30 minutes or treated by Anisomycin (25 ug/mL) at 37°C for 30 minutes after serum-starvation overnight. C6 cells were treated by Anisomycin (25 ug/mL) at 37°C for 20 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.

Immunohistochemistry of paraffin-embedded rat spleen using Phospho-JNK1/2/3-T183/T183/T221 antibody (CABP0631) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded human appendix using Phospho-JNK1/2/3-T183/T183/T221 antibody (CABP0631) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded mouse kidney using Phospho-JNK1/2/3-T183/T183/T221 antibody (CABP0631) at dilution of 1:100 (40x lens).