JNK (phospho Thr183/Tyr185) antibody

Cat. No. GTX24821

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IP, IHC
Reactivity	Human, Mouse, Rat, Pig, Primate

References (15)
Package
50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:200-1:2000
ICC/IF	1:250
IHC-P	Assay dependent
IP	Assay dependent
IHC	Assay dependent

Not tested in other applications.

Product Note	This antibody is raised against JNK1/2 phosphorylated at Thr183/Tyr185. Based on sequence homology, it is predicted to react with JNK3 when phosphorylated at the corresponding residues - Thr221/Tyr223. The antibody has been shown to recognize the endogenous, active forms of JNK 1 + 2 in a variety of cell types following treatment by a broad range of extracellular stimuli [e.g. including 293 cells (human embryonic kidney; +/- ultraviolet light) and PC12 cells (rat pheochromocytoma; +/- sorbital)].

Properties

Form	Liquid
Buffer	PBS, 0.1% BSA, 50% Glycerol
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from a region of human JNK1 and 2 that contains threonine 183 and tyrosine 185. This region is conserved among many species including mouse, rat, chicken, nematode, fruit fly, and in JNK3.
Purification	Purified by antigen-affinity chromatography

For full product information, images and publications, please visit our website.

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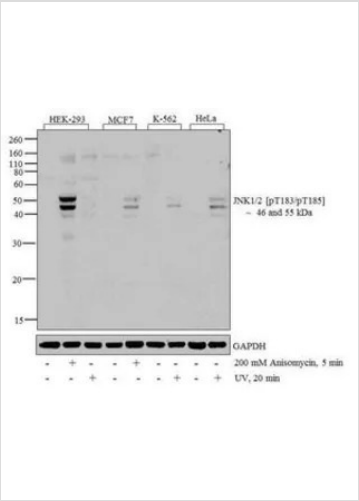
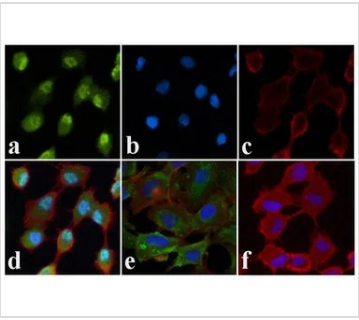
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX24821 WB Image

WB analysis of various samples using GTX24821 JNK (phospho Thr183/Tyr185) antibody.
Dilution : 1:1000
Lane 1: HEK-293
Lane 2: HEK-293 treated for 5 minutes with 200 mM of Anisomycin
Lane 3: HEK-293 treated for 20 minutes with UV
Lane 4: MCF7
Lane 5: MCF7 treated for 5 minutes with 200 mM of Anisomycin
Lane 6: K562
Lane 7: K562 treated for 20 minutes with UV
Lane 8: HeLa
Lane 9: HeLa treated for 20 minutes with UV
Loading : 20ug



GTX24821 ICC/IF Image

ICC/IF analysis of A549 cells treated with Anisomycin (25 µg/mL for 30 min) using GTX24821 JNK (phospho Thr183/Tyr185) antibody. Panel e is untreated cell with no signal. Panel f is a no primary antibody control.
Green : Primary antibody
Blue : Nuclei
Red : Actin
Fixation : 4% paraformaldehyde
Permeabilization : 0.25% Triton X-100 for 10 minutes

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