

c-Jun(Phospho-Thr239) Antibody

Catalog No: #11024

Package Size: #11024-1 50ul #11024-2 100ul

Description

Product Name	c-Jun(Phospho-Thr239) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of c-Jun only when phosphorylated at threonine239.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine 239 (G-E-T(p)-P-P) derived from Human c-Jun.
Conjugates	Unconjugated
Target Name	c-Jun
Modification	Phospho
Other Names	AH119; AP1; Jun A; c-Jun; p39
Accession No.	Swiss-Prot: P05412NCBI Protein: NP_002219.1
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

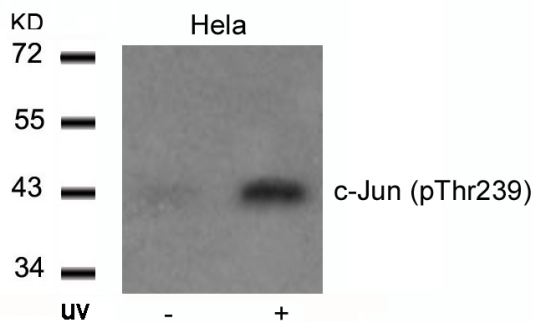
Predicted MW: 43kd

Western blotting: 1:500~1:1000

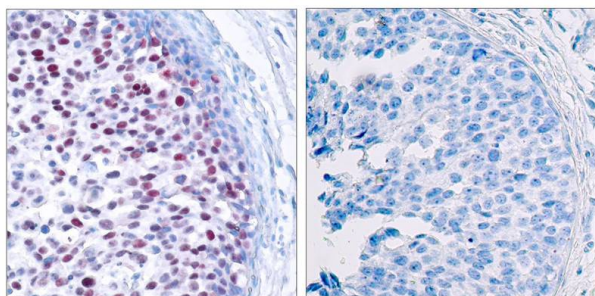
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

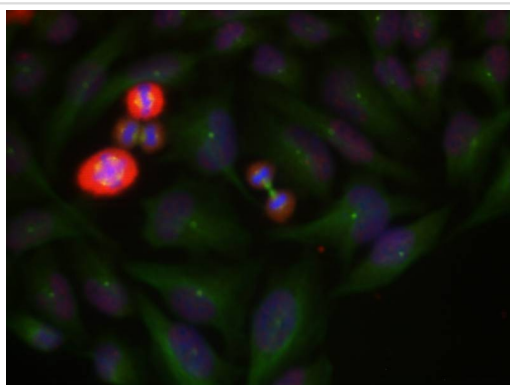
Images



Western blot analysis of extracts from HeLa cells untreated or treated with UV using c-Jun(Phospho-Thr239) Antibody #11024.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using c-Jun(Phospho-Thr239) Antibody #11024(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells using c-Jun(Phospho-Thr239) Antibody #11024.

Background

Transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3'.

Boyle W J, et al. (1991) Cell. 64(3): 573-584.

Binetruy B, et al. (1991) Nature. 351: 122-127.

Smeal T, et al. (1991) Nature. 354:494-496.

Derijard B, et al. (1994) Cell. 76:1025-1037.

Kyriakis J M, et al. (1994) Nature. 369: 156-160.

Published Papers

Soichiro Yamamura, Kazumori Kawakami, Hiroshi Hirata et al., Oncogenic Functions of Secreted Frizzled-Related Protein 2 in Human Renal Cancer., Molecular Cancer Therapeutics, 9(6):1680-1687(2010)

[PMID:20501806](#)

el at., Oncogenic functions of secreted Frizzled-related protein 2 in human renal cancer. In Mol Cancer Ther on 2010 Jun by Soichiro Yamamura, Kazumori Kawakami, et al..PMID: 20501806, , (2010)

[PMID:20501806](#)

el at., MFHAS1 Suppresses TLR4 Signaling Pathway via Induction of PP2A C Subunit Cytoplasm Translocation and Inhibition of c-Jun

Dephosphorylation at Thr239.In Mol Immunol on 2017 Aug by Qiqing Shi , Bo Xiong,et al..PMID: 28609714, , (2017)

[PMID:28609714](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.