c-Jun(Phospho-Thr91) Antibody

Catalog No: #11021

Package Size: #11021-1 50ul #11021-2 100ul #11021-4 25ul

Overview

Product Name	c-Jun(Phospho-Thr91) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	c-Jun
Modification	Phospho-Thr91
Alternative Names	AH119; AP1; Jun A; c-Jun; p39

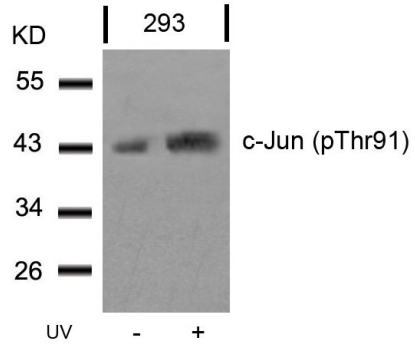
Application Details

Predicted MW: 43kd

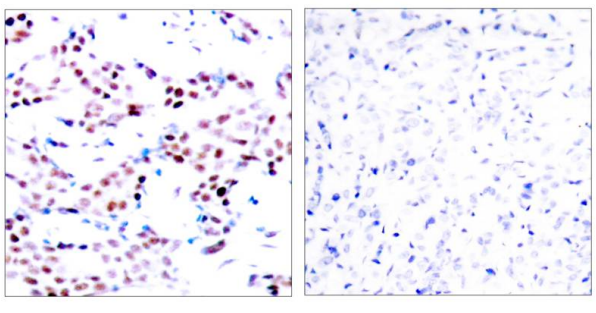
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from 293 cells untreated or treated with UV using c-Jun(Phospho-Thr91) Antibody #11021.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using c-Jun(Phospho-Thr91) Antibody #11021(left) or the same antibody preincubated with blocking peptide(right).

Descriptions

Immunogen	Peptide sequence around phosphorylation site of threonine 91 (T-T-T(p)-P-T) derived from Human c-Jun.
Specificity	The antibody detects endogenous level of c-Jun only when phosphorylated at threonine 91.
Purifiction	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 chromatogramphy using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), 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.
Accession NO.	Swiss-Prot: P05412NCBI Protein: NP_002219.1

Related Information

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

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

Manujendra N. Saha, Hua Jiang, Yijun Yang el at., Targeting p53 via JNK Pathway: A Novel Role of RITA for Apoptotic Signaling in Multiple Myeloma, PLoS ONE, 7(1):e30215. doi:10.1371/journal.pone.0030215. (2012)

PMID:22276160

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