

c-Jun(Phospho-Thr91) Antibody

Catalog No: #11021

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

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

| | |
|-----------------------|---|
| Product Name | c-Jun(Phospho-Thr91) 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 |
| Species Reactivity | Hu Ms Rt |
| Specificity | The antibody detects endogenous level of c-Jun only when phosphorylated at threonine 91. |
| Immunogen Type | Peptide-KLH |
| Immunogen Description | Peptide sequence around phosphorylation site of threonine 91 (T-T-T(p)-P-T) derived from Human c-Jun. |
| Target Name | c-Jun |
| Modification | Phospho |
| Other Names | AH119; AP1; Jun A; c-Jun; p39 |
| Accession No. | Swiss-Prot: P05412NCBI Protein: NP_002219.1 |
| Uniprot | P05412 |
| GeneID | 3725; |
| 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. |

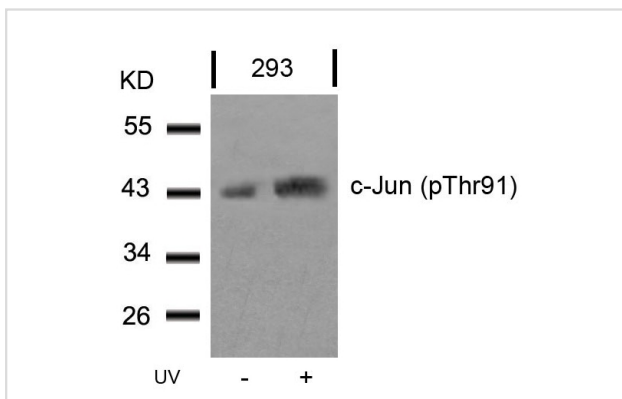
Application Details

Predicted MW: 43kd

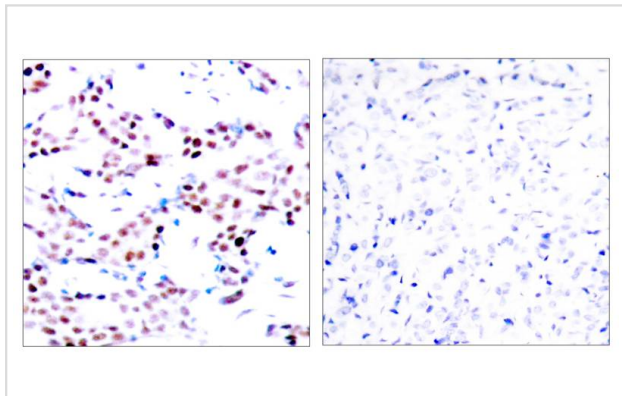
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

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).

Background

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.

Note: This product is for in vitro research use only