# SAPK/JNK(Ab-183) Antibody

Catalog No: #21241

Package Size: #21241-1 50ul #21241-2 100ul #21241-4 25ul

## Overview

| | |
|---|---|
| Product Name | SAPK/JNK(Ab-183) Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Applications | WB IHC |
| Species Reactivity | Hu Ms Rt |
| Immunogen Type | Peptide-KLH |
| Target Name | SAPK/JNK |
| Alternative Names | JNK2 |

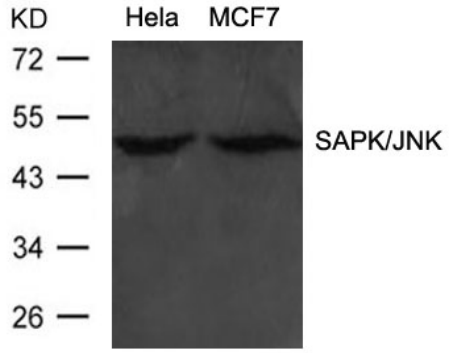
## Application Details

Predicted MW: 46 54 kd

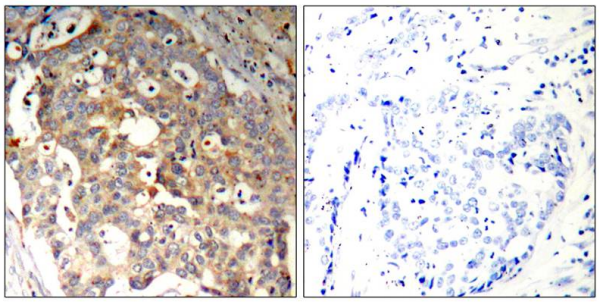
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

## Images




Western blot analysis of extracts from Hela and MCF cells using SAPK/JNK(Ab-183) Antibody #21241.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SAPK/JNK(Ab-183) Antibody #21241(left) or the same antibody preincubated with blocking peptide(right).

## Descriptions

| | |
|---|---|
| Immunogen | Peptide sequence around aa.181~185 (M-M-T-P-Y) derived from Human SAPK/JNK. |
| Specificity | The antibody detects endogenous level of total SAPK/JNK protein. |
| Purifiction | Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide. |
| 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: P45984/P53779 NCBI Protein: NP_001128516.1 |

## Related Information

Responds to activation by environmental stress and pro-inflammatory cytokines by phosphorylating a number of transcription factors, primarily components of AP-1 such as c-Jun and ATF2 and thus regulates AP-1 transcriptional activity. In T-cells, JNK1 and JNK2 are required for polarized differentiation of T-helper cells into Th1 cells.

Ferrer, et al. (2003) Neuropathology & Applied Neurobiology 29: 23

Zhonghong Guan, et al. (1999) J Biol Chem, Vol. 274: 36200-36206

D.Margriet Ouwens1, et al. (2002)The EMBO Journal 21: 3782

## Published Papers

Anastasia F. ThB¨B¦venin, Chati L. Zony, Brian J. Bahnson el at., Activation by phosphorylation and purification of human c-Jun N-terminal kinase (JNK) isoforms in milligram amounts., Protein Expression and Purification, 75: 138B¨C146(2011)

PMID:20709173