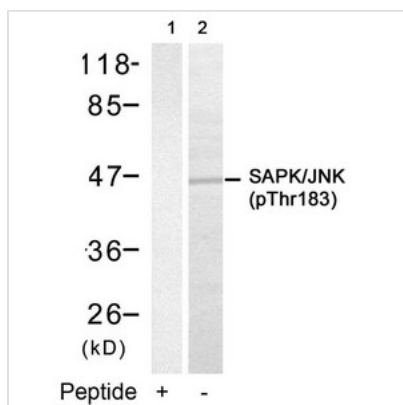


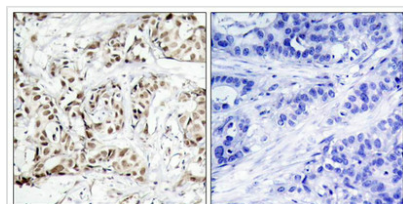


Phospho-MAPK9/MAPK10 (Thr183) Antibody

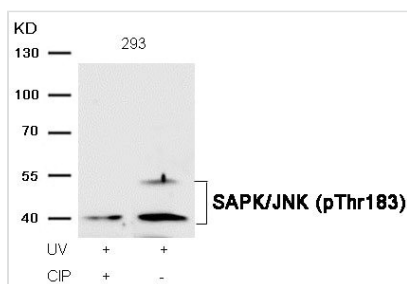
Product Code	CSB-PA284840
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P45984
Immunogen	Peptide sequence around phosphorylation site of threonine 183 (M-M-T(p)-P-Y) derived from Human SAPK/JNK.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of SAPK/JNK only when phosphorylated at threonine 183.
Tested Applications	ELISA,WB,IHC;WB:1:500-1:1000,IHC:1:50-1:100
Relevance	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 Ouwers1, et al. (2002)The EMBO Journal 21: 3782
Form	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.
Purification Method	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
Clonality	Polyclonal
Alias	JNK2
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	MAPK9/MAPK10
Image	



Western blot analysis of extracts from 293 cells using SAPK/JNK(Phospho-Thr183) Antibody(Lane 2) and the same antibody preincubated with blocking peptide(Lane1).



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SAPK/JNK(Phospho-Thr183) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Western blot analysis of extracts from 293 cells, treated with UV or calf intestinal phosphatase (CIP), using SAPK/JNK (Phospho-Thr183) Antibody.

Product Modify

Phospho-Thr183