



## JAK2 (Phospho-Tyr221) Antibody

E11-7127A

**Catalog Number:** E11-7127A

**Concentration:** 1mg/ml

**Swiss-Prot No.:** P45983/P45984/P53779

**Other Names:** c-Jun N-terminal kinase 1; EC 2.7.11.24; JNK-46; JNK1-alpha-2; kinase JNK1; MAPK8; Mitogen-activated protein kinase 8; MK08; p54 gamma; PRKM8; SAPK gamma; Stress-activated protein kinase JNK1

**All Sites:** Human: Tyr185; Mouse: Tyr185; Rat: Tyr185

**Storage/Stability:** Store at -20 °C/1 year

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human SAPK/JNK around the phosphorylation site of tyrosine 185 (T-P-Y<sup>P</sup>-V-V).

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

**Specificity:** SAPK/JNK (Phospho-Tyr185) antibody detects endogenous levels of SAPK/JNK only when phosphorylated at tyrosine 185.

**Reactivity:** Human (Identities = 100%, Positives = 100%); Mouse (Identities = 100%, Positives = 100%);  
Rat (Identities = 100%, Positives = 100%)

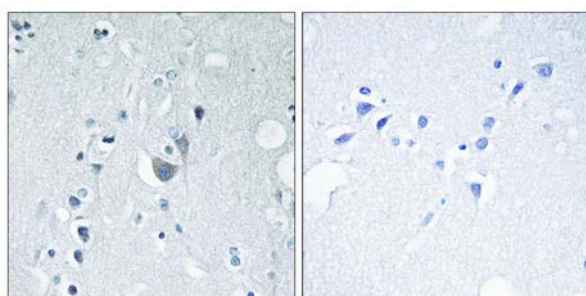
**Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:20000

### References:

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

Gupta S., EMBO J. 15:2760-2770(1996).

Derijard B., Science 267:682-685(1995).

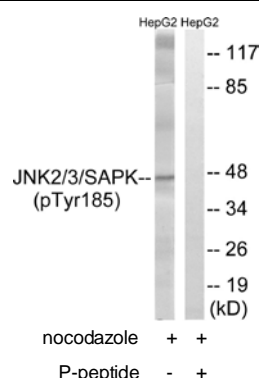


P-peptide

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Immunohistochemistry analysis of paraffin-embedded human brain tissue using SAPK/JNK (Phospho-Tyr185) antibody.



Western blot analysis of extracts from HepG2 cells, treated with nocodazole (1ug/ml, 16hours), using SAPK/JNK (Phospho-Tyr185) antibody.

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