



HSF1 (Phospho-Ser121) Antibody

E11-8041A

Catalog Number: E11-8041A

Concentration: 1mg/ml

Swiss-Prot No.: Q00613

Other Names: Heat shock factor protein 1; Heat shock transcription factor 1; HSF 1; HSTF 1; HSTF1

All Sites: Human: Ser121; Mouse: Ser121

Storage/Stability: Store at -20 °C/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 HSF1 around the phosphorylation site of serine 121 (V-T-S^P-V-S).

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: HSF1 (Phospho-Ser121) antibody detects endogenous levels of HSF1 only when phosphorylated at serine 121.

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

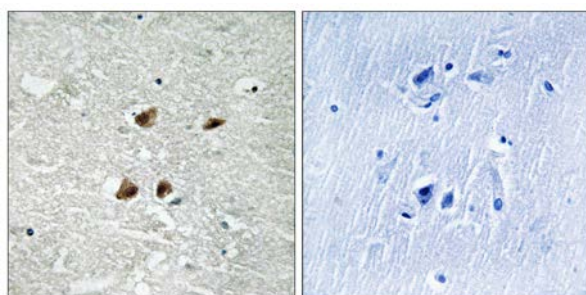
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:20000

References:

Rabindran S.K., Proc. Natl. Acad. Sci. U.S.A. 88:6906-6910(1991).

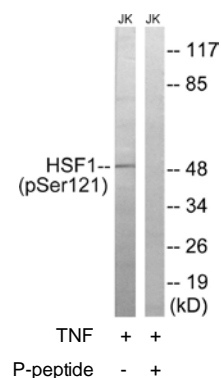
Ota T., Nat. Genet. 36:40-45(2004).

Kalnina N., Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human brain tissue using HSF1 (Phospho-Ser121) antibody.



Western blot analysis of extracts from Jurkat cells, treated with TNF (2500U/ML, 30mins), using HSF1 (Phospho-Ser121) antibody.

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