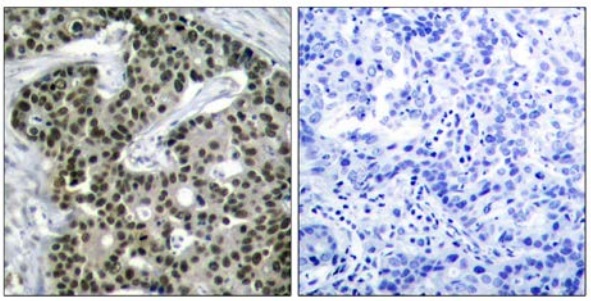
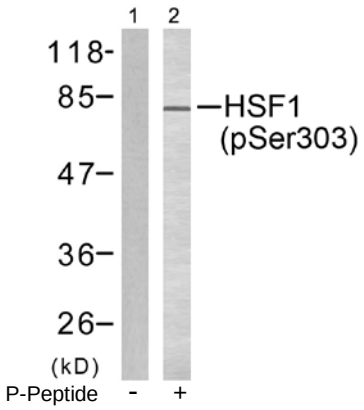
HSF1 (Phospho-Ser303) Antibody

E011263

Catalog Number: E011263-1, E011263-2
Amount: 50μg/50μl, 100μg/100μl
Swiss-Prot No. : Q00613
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.
Storage/Stability: Store at -20℃/1 year
Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human HSF1 around the phosphorylation site of serine 303 (P-P-S^{P}-P-P).
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/Sensitivity: HSF1 (phospho-Ser303) antibody detects endogenous levels of HSF1 only when phosphorylated at serine 303.
Reactivity: Human
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
References:
Parvaneh Rafiee, et,al. (2006) Am J Physiol Cell Physiol ; 291: C931 - C945
Fumika Shinozaki, et,al. (2006) J. Biol. Chem ; 281: 16361 - 16369.
Eiichi Takaki, et,al. (2006) J. Biol. Chem ; 281: 4931 - 4937.
Jan-Jong Hung, et,al. (1998) J. Biol. Chem ; 273: 31924.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HSF1 (phospho-Ser303) antibody (E011263).



Western blot analysis of extracts from MCF7 cells, using HSF1 (phospho-Ser303) antibody (E011263).

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