



Chk1 (Phospho-Ser301) Antibody

E11-0862A**Catalog Number:** E11-0862A**Concentration:** 1mg/ml**Swiss-Prot No.:** O14757**Other Names:** CHEK1, Chk1, EC 2.7.11.1, kinase Chk1**All Sites:** Human: Ser301**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 Chk1 around the phosphorylation site of serine 301 (D-F-S^P-P-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: Chk1 (Phospho-Ser301) antibody detects endogenous levels of Chk1 only when phosphorylated at serine 301.**Reactivity:** Human**Applications:** WB: 1:500~1:1000 IF: 1:100~1:500

ELISA: 1:40000

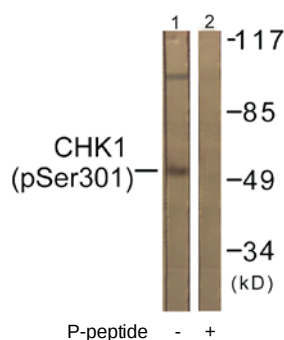
References:

Sanchez Y., Science 277:1497-1501(1997).

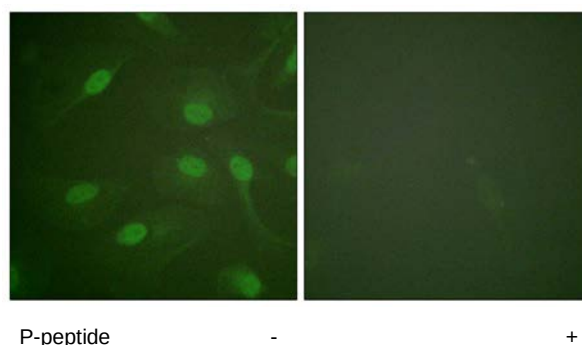
Shieh S.-Y., Genes Dev. 14:289-300(2000).

Uensal-Kacmaz K., Mol. Cell. Biol. 25:3109-3116(2005).

Matsuoka S., Science 316:1160-1166(2007).



Western blot analysis of extracts from 293 cells, using Chk1 (Phospho-Ser301) antibody.



Immunofluorescence analysis of HeLa cells, using Chk1 (Phospho-Ser301) antibody.

For Research Use Only