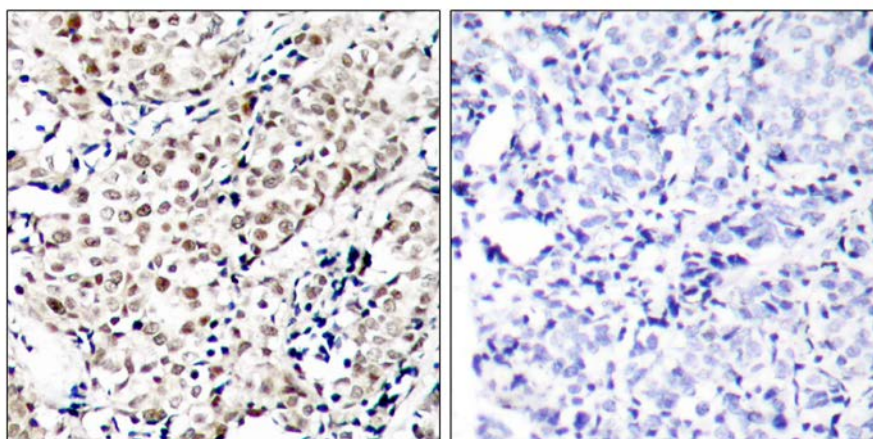




Chk1 (Phospho-Ser345) Antibody

E11-7042A

- Catalog Number:** E11-7042A
- Amount:** 100µg/100µl
- Swiss-Prot No. :** O14757
- All Names:** CHEK1, Chk1, kinase Chk1
- All Sites:** Human: Ser345; Mouse: Ser345; Rat: Ser345
- 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°C/1 year
- Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human Chk1 around the phosphorylation site of serine 345 (S-F-S^P-Q-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:** Chk1 (phospho-Ser345) antibody detects endogenous levels of Chk1 only when phosphorylated at serine 345.
- Reactivity:** Human, Mouse, Rat
- Applications:** IHC: 1:50~1:100 ELISA: 1:10000
- References:** Shiromizu T, et al. (2006) Genes Cells May: 11(5): 477-85.
Hang YW, et al. (2005) Mol Cell: 19(5): 607-18.
Lu X, et al. (2005) Genes Dev: 19(10): 1162-74.
Falck J, et al. (2005) Nature: 434(7033): 605-11.



P-Peptide

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Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Chk1 (phospho-Ser345) antibody.

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