

Catalog Number: E11-7030A

Amount: 100 μ g/100 μ l

Swiss-Prot No.: P38398

All Names: BRCA1, Breast cancer type 1 susceptibility protein

All Sites: Human: Ser1423

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), 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 BRCA1 around the phosphorylation site of serine 1423 (H-G-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: BRCA1 (phospho-Ser1423) antibody detects endogenous levels of BRCA1 only when phosphorylated at serine 1423.

Reactivity: Human

Applications: IHC: 1:50~1:100 ELISA: 1:4000

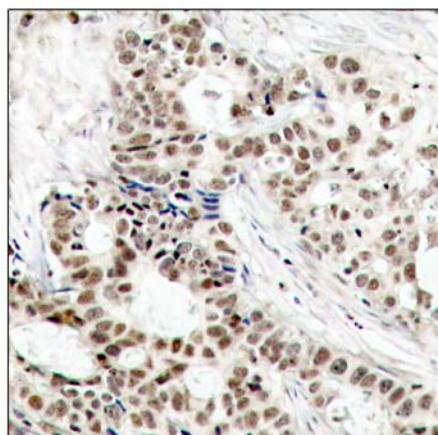
References: Kim ST, et al. (2002) Genes Dev; 16(5): 560-570.

Arlt MF, et al. (2004) Mol Cell Biol; 24(15): 6701-6709.

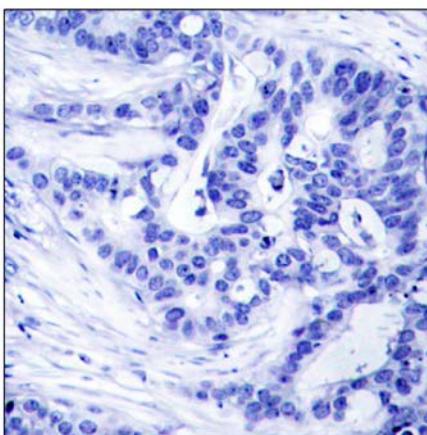
Zhang J, et al. (2004) Mol Cell Biol; 24(2): 708-718.

Greenberg RA, et al. (2006) Genes Dev; 20(1): 34-46.

Tibbetts RS, et al. (2000) Genes Dev; 14(23): 2989-3002.



P-Peptide



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Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using BRCA1 (phospho-Ser1423) antibody.