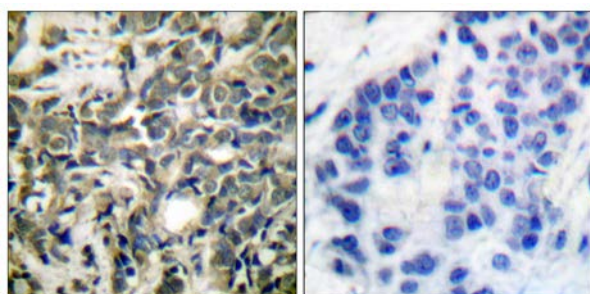




14-3-3 ζ (Phospho-Ser58) Antibody

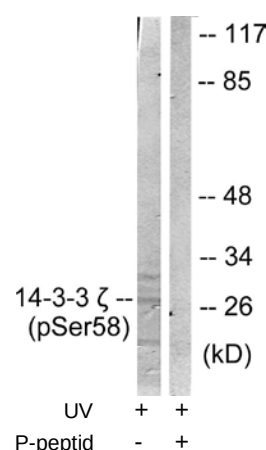
E11-0001A

- Catalog Number:** E11-0001A
- Amount:** 100 μ g/100 μ l
- Swiss-Prot No. :** P63104
- All Names:** 14-3-3 protein zeta/delta, 1433Z, 143Z, FAS, Factor activating exoenzyme S, KCIP-1, Mitochondrial import stimulation factor S1 subunit, Protein kinase C inhibitor protein-1, YWHAZ
- All Sites:** Human: Ser58; Mouse: Ser58; Rat: Ser58
- 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 14-3-3 ζ around the phosphorylation site of serine 58 (R-S-S^P-W-R).
- 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:** 14-3-3 ζ (phospho-Ser58) antibody detects endogenous levels of 14-3-3 ζ only when phosphorylated at serine 58.
- Reactivity:** Human, Mouse, Rat
- Applications:** WB: 1:500~1000 IHC: 1:50~100
IF: 1:100~1:500 ELISA: 1:40000
- References:** Ying H. Shen Mol. Biol. Cell, Nov 2003; 14: 4721.
David W. Powell, Mol. Cell. Biol., Aug 2003; 23: 5376 - 5387.
Mackintosh. C, (2004) Biochem. J. 381, 329 - 42.
Dougherty, M.K. and Morrison, D.K. (2004) J. Cell Sci. 117, 1875 - 84.



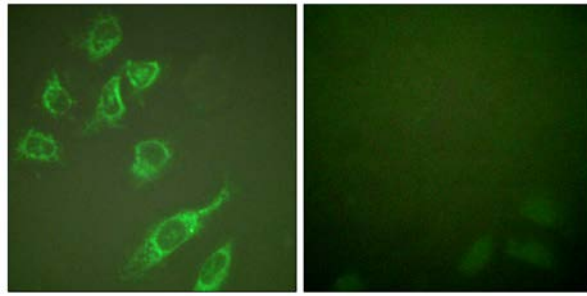
P-peptide - +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using 14-3-3 ζ (phospho-Ser58) antibody.



Western blot analysis of extracts from NIH/3T3 cells treated with UV (30mins), using 14-3-3 ζ (phospho-Ser58) antibody.

For Research Use Only



PMA

+

-

Immunofluorescence analysis of HeLa cells, treated with PMA (125ng/ml, 30mins), using 14-3-3 ζ (phospho-Ser58) antibody.