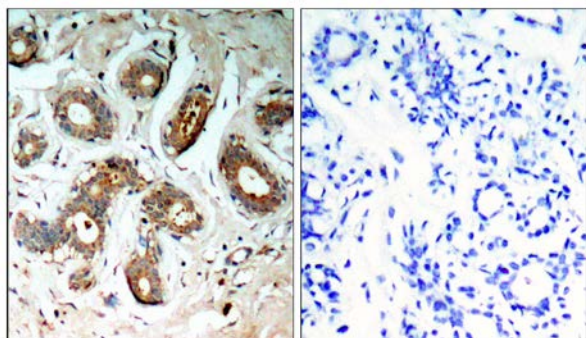




14-3-3 ζ (Phospho-Ser58) Antibody

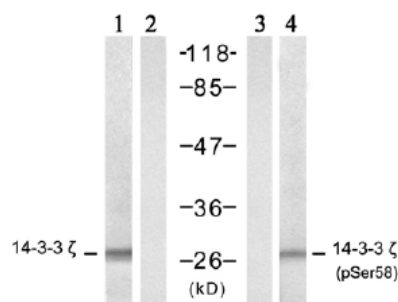
E011181

- Catalog Number:** E011181-1, E011181-2
- Amount:** 50 μ g/50 μ l, 100 μ g/100 μ l
- Swiss-Prot No. :** P63104
- 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: 1:50-1:100 IF: 1:100-200
- References:** Gu YM, et al. (2006) FEBS Lett ; 580(1): 305-310
Powell DW, et al. (2003) Mol Cell Biol; 23(15): 5376-5387
Mackintosh C. (2004) Biochem J; 381(Pt 2): 329-342.



P-Peptide - +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using 14-3-3 ζ (Phospho-Ser58) antibody (E011181).



Western blot analysis of extract from NIH/3T3 cells, untreated or treated with TNF- α (20ng/ml, 5min), using 14-3-3 ζ (Ab-58) antibody (E021188, lane 1 and 2) and 14-3-3 ζ (Phospho-Ser58) antibody (E011181, lane 3 and 4).