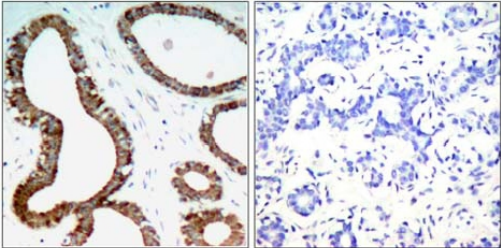


**AP02701PU-S****Polyclonal Antibody to 14-3-3 protein zeta/delta - Aff - Purified**

<b>Alternate names:</b>	KCIP-1, Protein kinase C inhibitor protein 1, YWHAZ
<b>Quantity:</b>	50 µg
<b>Concentration:</b>	1.0 mg/ml
<b>Uniprot ID:</b>	<a href="#">P63104</a>
<b>NCBI:</b>	<a href="#">NP_001129171.1</a>
<b>GeneID:</b>	<a href="#">7534</a>
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	The antiserum was produced against synthesized non-phosphopeptide derived from human 14-3-3 zeta around the phosphorylation site of serine 58 (R-S-Sp-W-R).
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction. <b>Purification:</b> Immunoaffinity Chromatography. <b>Buffer System:</b> PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02% Sodium Azide and 50% Glycerol.
<b>Applications:</b>	Western blot: 1/500-1/1000. Immunohistochemistry: 1/50-1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This antibody detects endogenous levels of total 14-3-3 zeta protein. <b>Species:</b> Human, Mouse and Rat. Other species not tested.
<b>Storage:</b>	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: One year from despatch.
<b>General Readings:</b>	1. Gu YM, et al. (2006) FEBS Lett ; 580(1): 305-310. 2. Powell DW, et al. (2003) Mol Cell Biol; 23(15): 5376-5387. 3. Mackintosh C. (2004) Biochem J; 381(Pt 2): 329-342.
<b>Pictures:</b>	<b>Figure 1.</b> Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using 14-3-3 zeta antibody AP02701PU. 

**Figure 2.** Western blot analysis of extract from NIH/3T3 cells, untreated or treated with TNF- $\alpha$  (20 ng/ml, 5 min), using 14-3-3 $\zeta$  antibody AP02701PU (lane 1 and 2) and 14-3-3 $\zeta$  (Phospho-Ser58) antibody AP02457PU (lane 3 and 4).

