

14-3-3 zeta Antibody | anti-14-3-3 zeta antibody

14-3-3 zeta (Phospho-Ser58) Antibody

CATALOG # AAA108930	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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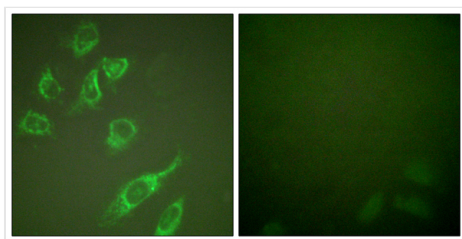
PRODUCT SYNONYMS

14-3-3 zeta; 14-3-3 zeta (Phospho-Ser58) Antibody; 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; anti-14-3-3 zeta antibody

PRODUCT SPECIFICATIONS

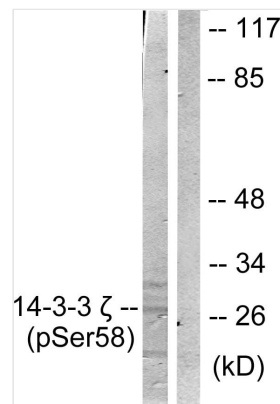
Reactivity	Human, Mouse, Rat
Specificity	14-3-3 zeta (phospho-Ser58) antibody detects endogenous levels of 14-3-3 zeta only when phosphorylated at serine 58.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	245
Applicable Applications for anti-14-3-3 zeta antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human 14-3-3 zeta around the phosphorylation site of serine 58 (R-S-SP-W-R).
All Sites	Human: Ser58 Mouse: Ser58 Rat: Ser58
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



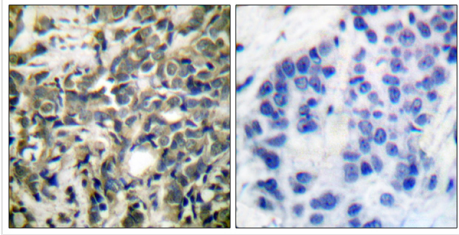
IF (Immunofluorescence)

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



WB (Western Blot)

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



IHC (Immunohistochemistry)
P-peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using 14-3-3 zeta (phospho-Ser58) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-14-3-3 zeta antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	208973238
NCBI GeneID	7534
NCBI Accession #	NP_001129171.1
NCBI GenBank Nucleotide #	NM_001135699.1
UniProt Accession #	P63104; P29213; P29312; Q32P43; Q5XJ08; Q6GPI2; Q6IN74; Q6NUR9; Q6P3U9; Q86V33; A8K1N0; B7Z465
Molecular Weight	19,333 Da
NCBI Official Full Name	14-3-3 protein zeta/delta
NCBI Official Synonym Full Names	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein zeta
NCBI Official Symbol	YWHAZ
NCBI Official Synonym Symbols	HEL4; YWHAD; KCIP-1; HEL-S-3; HEL-S-93; 14-3-3-zeta
NCBI Protein Information	14-3-3 protein zeta/delta
UniProt Protein Name	14-3-3 protein zeta/delta
UniProt Gene Name	YWHAZ
UniProt Synonym Gene Names	KCIP-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.