

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

14-3-3 beta/zeta (Phospho-Ser184/186) Antibody

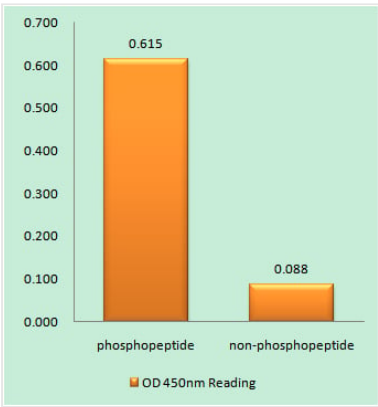
CATALOG # AAA110128	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

14-3-3 beta/zeta; 14-3-3 beta/zeta (Phospho-Ser184/186) Antibody; 14-3-3 protein zeta/delta; 1433Z; 143Z; Factor activating exoenzyme S; FAS; KCIP-1; Mitochondrial import stimulation factor S1 subunit; Protein kinase C inhibitor protein-1; YWHAZ; anti-14-3-3 beta/zeta antibody

PRODUCT SPECIFICATIONS

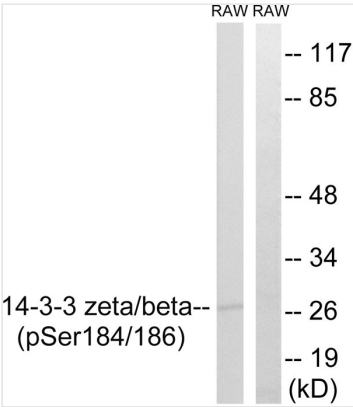
Reactivity	Human, Mouse, Rat
Specificity	14-3-3 beta/zeta (Phospho-Ser184/186) antibody detects endogenous levels of 14-3-3 zeta/beta only when phosphorylated at serine 184 or serine 186.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. 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 beta/zeta antibody	ELISA, WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human 14-3-3 zeta/beta around the phosphorylation site of serine 184 or serine 186 (L-N-SP-P-E).
All Sites	Human: Ser184/186 Mouse: Ser184/186 Rat: Ser184/186
Preparation and Storage	Store at -20 degree C for 1 year.



WB (Western Blot)

Western blot analysis of extracts from RAW264.7 cells, treated with UV (15mins), using 14-3-3 beta/zeta (Phospho-Ser184/186) antibody. 14-3-3 beta/zeta (Phospho-Ser184/186) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.

Application Data



ADDITIONAL INFORMATION

Product Categories/Family for anti-14-3-3 beta/zeta antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Zupan L.A., J. Biol. Chem. 267:8707-8710(1992). Seluja G.A., Biochim. Biophys. Acta 1395:281-287(1998). The MGC Project Team; Genome Res. 14:2121-2127(2004).

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.