

14-3-3 β/ζ (Phospho-Ser184/186) Antibody

Catalog No: #14122



Package Size: #14122-1 50ul #14122-2 100ul

Orders: order@signalwayantibody.com

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Description

Product Name	14-3-3 β/ζ (Phospho-Ser184/186) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,ELISA
Species Reactivity	Human;Mouse;Rat
Specificity	Phospho-14-3-3 β/ζ (S184/186) Polyclonal Antibody detects endogenous levels of 14-3-3 β/ζ protein only when phosphorylated at S184/186.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human 14-3-3 beta/zeta around the phosphorylation site of Ser184/186. AA range:151-200
Conjugates	Unconjugated
Target Name	YWHAZ
Other Names	YWHAZ; 14-3-3 protein zeta/delta; Protein kinase C inhibitor protein 1; KCIP-1; YWHAB; 14-3-3 protein beta/alpha; Protein 1054; Protein kinase C inhibitor protein 1; KCIP-1
Accession No.	Swiss Prot:P63104/P31946GenelD:7534/7529
Calculated MW	28 kDa
SDS-PAGE MW	28 kDa
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.

Background

tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein zeta(YWHAZ) Homo sapiens This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 99% identical to the mouse, rat and sheep orthologs. The encoded protein interacts with IRS1 protein, suggesting a role in regulating insulin sensitivity. Several transcript variants that differ in the 5' UTR but that encode the same protein have been identified for this gene. [provided by RefSeq, Oct 2008],

Published Papers

Qiu Renjie, He Yutong, Zhan Jiamian, Li Qian, Cai Xiaohui, Hua Shaofeng, Wang Leyu, Sun Xiaomin, Tian Ye et al., Diselenide Nanogels Modulate Mitochondrial Function and Mitigate Oxidative Stress in Cardiomyocytes for Enhanced Cardiac Repair, ACS applied materials & interfaces, (2025)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.