

14-3-3  $\beta/\zeta$  (phospho-Ser184/186) Polyclonal Antibody

Catalog No: #14122



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

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## Description

Product Name	14-3-3 $\beta/\zeta$ (phospho-Ser184/186) Polyclonal 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 $\beta/\zeta$ (S184/186) Polyclonal Antibody detects endogenous levels of 14-3-3 $\beta/\zeta$ 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/P31946GeneID:7534/7529
SDS-PAGE MW	28
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].

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