

Phospho-14-3-3 Zeta (S58) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-PHS00853
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human 14-3-3 zeta around the phosphorylation site of Ser58. AA range:24-73
Mol wt	27745
Species reactivity	Human, mouse, rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Phospho-14-3-3 zeta (S58) Antibody
Synonyms	YWHAZ; 14-3-3 protein zeta/delta; Protein kinase C inhibitor protein 1; KCIP-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein zeta 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. Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein zeta 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 YWHAZ.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

ELISA: 1: 40000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year