

# 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