

Product datasheet for **TA323870**

14-3-3 zeta (YWHAZ) Rabbit Polyclonal Antibody

Product data:

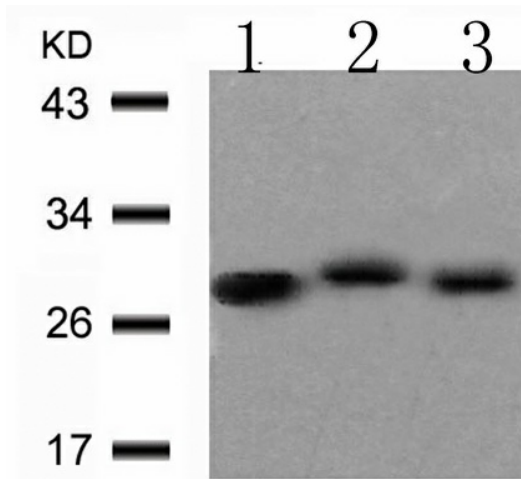
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:500-1000, IHC: 1:50-100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide sequence around aa.56~60 (R-S-S-W-R) derived from Human 14-3-3 zeta.
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	28 kDa
Gene Name:	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein zeta
Database Link:	NP_001129171 Entrez Gene 22631 MouseEntrez Gene 25578 RatEntrez Gene 7534 Human P63104
Background:	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.
Synonyms:	14-3-3-zeta; HEL-S-3; HEL4; KCIP-1; YWHAD



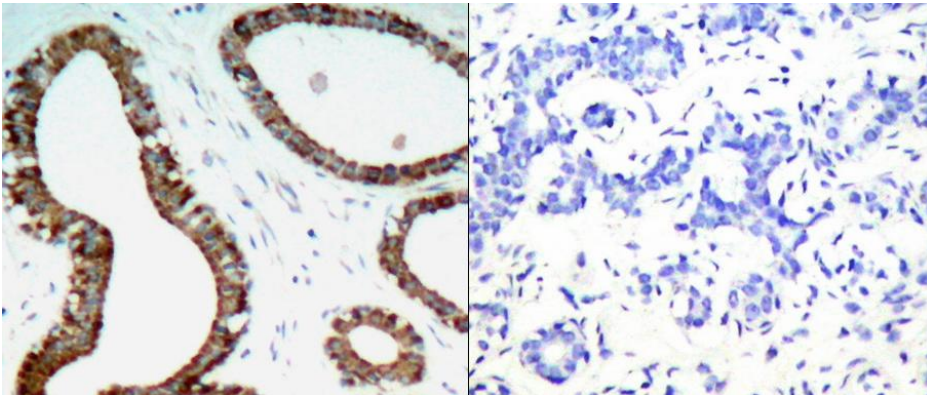
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Protein Pathways: Cell cycle, Neurotrophin signaling pathway, Oocyte meiosis, Pathogenic Escherichia coli infection

Product images:



Predicted band size: 28 kDa. Positive control: HepG2, HeLa and 293 cells lysate. Recommended dilution: 1/ 500-1000. (Gel: 10%SDS-PAGE Lane 1, 2, 3: HepG2, HeLa and 293 cells Lysates: 30 ug per lane Primary antibody: 1/500 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute)



Predicted cell location: Cytoplasm; Melanosome. Positive control: Human breast carcinoma tissue. Recommended dilution: 1/ 50-100 The image on the left is immunohistochemistry of paraffin-embedded human breast carcinoma tissue using YWHAZ (Ab-58) antibody at dilution 1/50, on the right is treated with the synthetic peptide. (Original magnification: x200)