

Product Datasheet

14-3-3 Antibody

Catalog No: CY5922

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB



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Information

UniProt ID: P31946/P63104

All Names: 14 3 3 protein beta; 14 3 3 protein beta/alpha; 14 3 3 protein zeta; 14 3 3 zeta; 14-3-3 protein/cytosolic phospholipase A2; GW128; HS1; KCIP 1; N-terminally processed; Protein 1054; Protein kinase C inhibitor protein 1; Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, delta polypeptide; Tyrosine 3/tryptophan 5 -monooxygenase activation protein, zeta polypeptide; YWHAB; YWHAD; YWHAZ;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

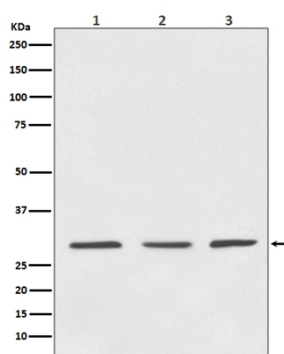
Molecular Wt.: 28 kDa

Application

WB 1:5000~1:20000

Background

Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. Negative regulator of osteogenesis. Blocks the nuclear translocation of the phosphorylated form (by AKT1) of SRPK2 and antagonizes its stimulatory effect on cyclin D1 expression resulting in blockage of neuronal apoptosis elicited by SRPK2.



Western blot analysis of 14-3-3 expression in (1) HeLa cell lysate; (2) 3T3 cell lysate; (3) PC-12 cell lysate.

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