

14-3-3 alpha + beta Antibody

Rabbit mAb Catalog # AP90915

Product Information

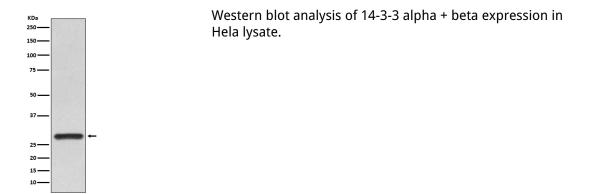
Application Primary Accession Reactivity Clonality Other Names	WB, IHC, IF, FC, ICC, IP, IHF <u>P31946</u> Rat, Human, Mouse Monoclonal 14 3 3 protein beta/alpha; Brain protein 14 3 3 beta isoform; GW128; HS 1; KCIP-1; KCIP1; Protein 1054; Protein kinase C inhibitor protein 1; YWHAA; YWHAB;
lsotype	Rabbit IgG
Host	Rabbit
Calculated MW	28082

Additional Information

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Dilution	WB 1:500~1:1000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:30 FC 1:30
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human 14-3-3 alpha + beta
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium
	azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term.
	Avoid freeze / thaw cycle.

Protein Information

Name	YWHAB
Function	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. Negative regulator of signaling cascades that mediate activation of MAP kinases via AKAP13.
Cellular Location	Cytoplasm. Melanosome. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV



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