

KO-Validated Anti-14-3-3 alpha/beta Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI2426

Product Information

Application	WB, FC, ICC
Primary Accession	P31946
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	25GB2045
Calculated MW	28082
Gene Name	YWHAB
Aliases	YWHAB; Tyrosine 3-Monooxygenase/Tryptophan 5-Monooxygenase Activation Protein Beta; Tyrosine 3-Monooxygenase/Tryptophan 5-Monooxygenase Activation Protein, Alpha Polypeptide; Tyrosine 3-Monooxygenase/Tryptophan 5-Monooxygenase Activation Protein, Beta Polypeptide; 14-3-3 Protein Beta/Alpha; 14-3-3 Alpha; Protein 1054; KCIP-1; YWHAA; Protein Kinase C Inhibitor Protein-1; Protein Kinase C Inhibitor Protein 1; Epididymis Secretory Protein Li 1; 14-3-3 Beta; HEL-S-1; GW128; HS1
Immunogen	A synthesized peptide derived from human 14-3-3 alpha + beta

Additional Information

Gene ID	7529
Other Names	14-3-3 protein beta/alpha, Protein 1054, Protein kinase C inhibitor protein 1, KCIP-1, 14-3-3 protein beta/alpha, N-terminally processed, YWHAB

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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