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Anti-YWHAZ / 14-3-3 Zeta Antibody (aa51-100)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17761

Product Information

Application	WB, IHC-P, E
Primary Accession	P63104
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	27745

Additional Information

Gene ID	7534
Alias Symbol	YWHAZ
Other Names	YWHAZ, 14-3-3 protein zeta/delta, 14-3-3-zeta, 14-3-3 delta, 14-3-3 protein zeta, 14-3-3 zeta, Phospholipase A2, YWHAD, KCIP-1
Target/Specificity	14-3-3 zeta Antibody detects endogenous levels of total 14-3-3 zeta protein.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-YWHAZ / 14-3-3 Zeta Antibody (aa51-100) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	YWHAZ
Function	Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways (PubMed:14578935, PubMed:15071501, PubMed:15644438, PubMed:16376338, PubMed:16959763, PubMed:31024343, PubMed:9360956). Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif (PubMed:35662396). Binding generally results in the modulation of the activity of the binding partner (PubMed:35662396). Promotes cytosolic retention and inactivation of TFEB transcription factor by binding to phosphorylated TFEB (PubMed:35662396). Induces ARHGEF7 activity on RAC1 as well as lamellipodia and membrane ruffle formation (PubMed:16959763). In neurons, regulates spine maturation through the modulation of ARHGEF7 activity (By similarity).
Cellular Location	Cytoplasm. Melanosome. Note=Located to stage I to stage IV melanosomes.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.