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Anti-YWHAE / 14-3-3 Epsilon Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18576

Product Information

Application	WB, IHC-P, IF
Primary Accession	P62258
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	29174

Additional Information

Gene ID	7531
Alias Symbol	YWHAE
Other Names	YWHAE, 14-3-3E, 14-3-3 epsilon, 14-3-3 protein epsilon, MDCR, MDS, KCIP-1
Target/Specificity	Human YWHAE / 14-3-3 Epsilon
Reconstitution & Storage	Affinity purified
Precautions	Anti-YWHAE / 14-3-3 Epsilon Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	YWHAE
Function	Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways (PubMed:21189250). Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif (PubMed:35343654). Binding generally results in the modulation of the activity of the binding partner (By similarity). Positively regulates phosphorylated protein HSF1 nuclear export to the cytoplasm (PubMed:12917326). Plays a positive role in the antiviral signaling pathway upstream of TBK1 via interaction with RIGI (PubMed:37555661). Mechanistically, directs RIGI redistribution from the cytosol to mitochondrial associated membranes where it mediates MAVS-dependent innate immune signaling during viral infection (PubMed:22607805). Plays a role in proliferation inhibition and cell cycle arrest by exporting HNRNPC from the nucleus to the cytoplasm to be degraded by ubiquitination (PubMed:37599448).

Cellular Location	Nucleus. Cytoplasm Melanosome Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

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