

14-3-3 epsilon Antibody
Rabbit mAb
Catalog # AP90918**Specification**

14-3-3 epsilon Antibody - Product Information

Application	WB, IHC, FC, ICC
Primary Accession	P62258
Reactivity	Rat
Clonality	Monoclonal
Other Names	
14-3-3E; 143E; KCIP-1; MDCR; Protein kinase C inhibitor protein-1; YWHAE;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	29174 Da

14-3-3 epsilon Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 ICC~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human 14-3-3 epsilon
Description	Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathway. 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.
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.

14-3-3 epsilon Antibody - 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:<a

[35343654](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/12917326)). Plays a positive role in the antiviral signaling pathway upstream of TBK1 via interaction with RIGI (PubMed: [37555661](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/37599448)).

Cellular Location

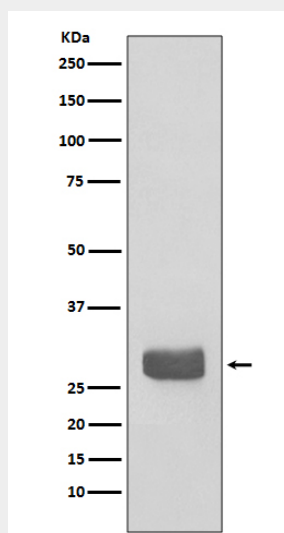
Nucleus. Cytoplasm Melanosome Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

14-3-3 epsilon Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

14-3-3 epsilon Antibody - Images



Western blot analysis of 14-3-3 epsilon expression in 293T cell lysate.