

**Anti-YWHAE / 14-3-3 Epsilon Antibody**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS18576****Specification**

---

**Anti-YWHAE / 14-3-3 Epsilon Antibody - Product Information**

Application	WB, IHC-P, IF
Primary Accession	<a href="#">P62258</a>
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	29174

**Anti-YWHAE / 14-3-3 Epsilon Antibody - 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.

**Anti-YWHAE / 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. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif (PubMed:<<http://www.uniprot.org/citations/35343654>>35343654</a>). 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:<<http://www.uniprot.org/citations/12917326>>12917326</a>). Plays a positive role in the antiviral signaling pathway upstream of TBK1 via interaction with RIGI (PubMed:<<http://www.uniprot.org/citations/37555661>>37555661</a>). Mechanistically, directs RIGI redistribution from the cytosol to mitochondrial associated membranes where it mediates MAVS-dependent innate immune signaling during viral infection (PubMed:<<http://www.uniprot.org/citations/22607805>>

target="\_blank">22607805</a>). 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:<a href="http://www.uniprot.org/citations/37599448" target="\_blank">37599448</a>).

**Cellular Location**

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

**Anti-YWHAE / 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](#)

**Anti-YWHAE / 14-3-3 Epsilon Antibody - Images**