

**Anti-14-3-3 epsilon YWHAE Rabbit Monoclonal Antibody**  
Catalog # ABO14195**Specification****Anti-14-3-3 epsilon YWHAE Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC, IF, ICC, FC
Primary Accession	<a href="#">P62258</a>
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-14-3-3 epsilon YWHAE Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

**Anti-14-3-3 epsilon YWHAE Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 7531

**Other Names**

14-3-3 protein epsilon, 14-3-3E, YWHAE

**Calculated MW**

29174 MW KDa

**Application Details**

WB 1:1000-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>FC 1:50

**Subcellular Localization**

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

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human 14-3-3 epsilon

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-14-3-3 epsilon YWHAE Rabbit Monoclonal 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:<a href="http://www.uniprot.org/citations/35343654" target="\_blank">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:<a href="http://www.uniprot.org/citations/12917326" target="\_blank">12917326</a>). Plays a positive role in the antiviral signaling pathway upstream of TBK1 via interaction with RIGI (PubMed:<a href="http://www.uniprot.org/citations/37555661" target="\_blank">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:<a href="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>).

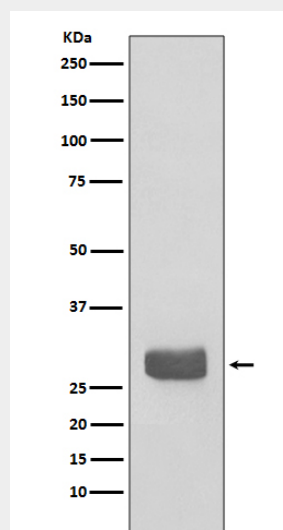
**Cellular Location**

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

**Anti-14-3-3 epsilon YWHAE Rabbit Monoclonal 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-14-3-3 epsilon YWHAE Rabbit Monoclonal Antibody - Images**

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