

14-3-3 ε Polyclonal Antibody
Catalog # AP68188**Specification**

14-3-3 ε Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P62258
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

14-3-3 ε Polyclonal Antibody - Additional Information**Gene ID** 7531**Other Names**

YWHAE; 14-3-3 protein epsilon; 14-3-3E

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

14-3-3 ε Polyclonal 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). 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). Plays a positive role in the antiviral signaling pathway upstream of TBK1 via interaction with RIGI (PubMed:<<http://www.uniprot.org/citations/37555661>>37555661). 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>>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:<<http://www.uniprot.org/citations/37599448>>37599448).

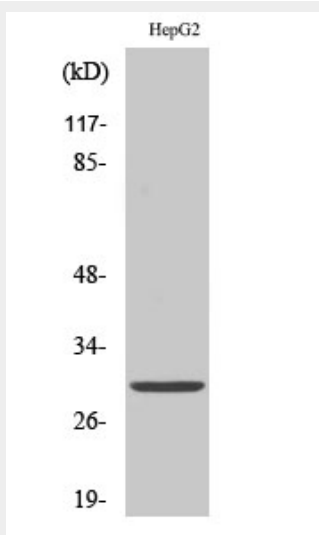
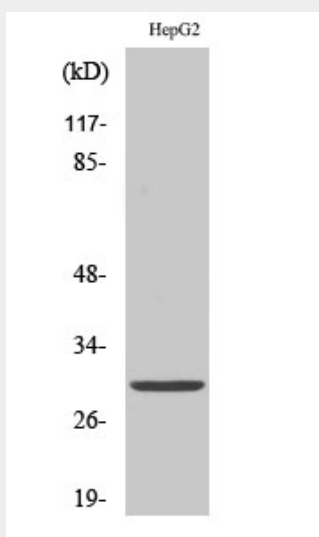
Cellular Location

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

14-3-3 ϵ Polyclonal 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 ϵ Polyclonal Antibody - Images

14-3-3 ε Polyclonal Antibody - Background

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. 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).