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14-3-3 ε Polyclonal Antibody
Catalog # AP63500

Specification

14-3-3 ε Polyclonal Antibody - Product Information

Application	**WB, IHC-P**
Primary Accession	P62258
Reactivity	**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~~WB: 1:1000 IHC:1:200-500
IHC-P~~N/A

Format
PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

Storage Conditions
-20℃

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 (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:<a

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

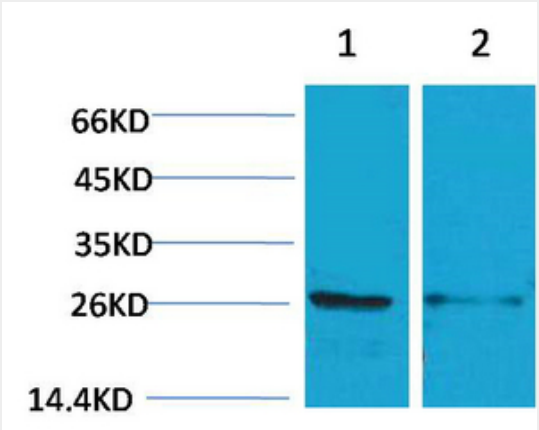
Cellular Location
Nucleus. Cytoplasm Melanosome Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

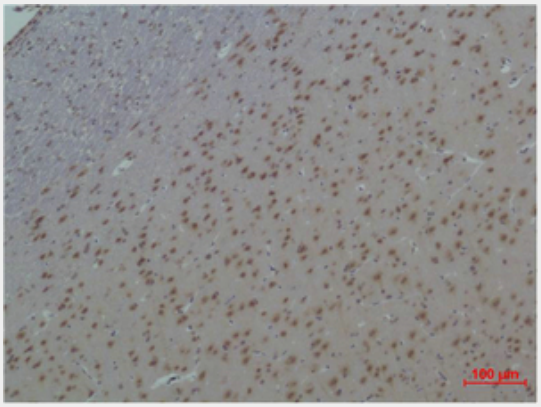
14-3-3 ε Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

14-3-3 ε Polyclonal Antibody - Images





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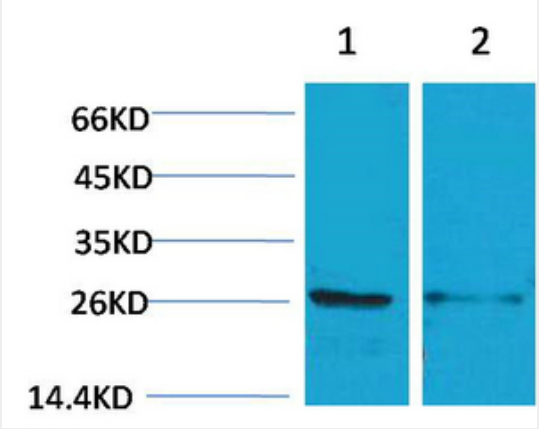

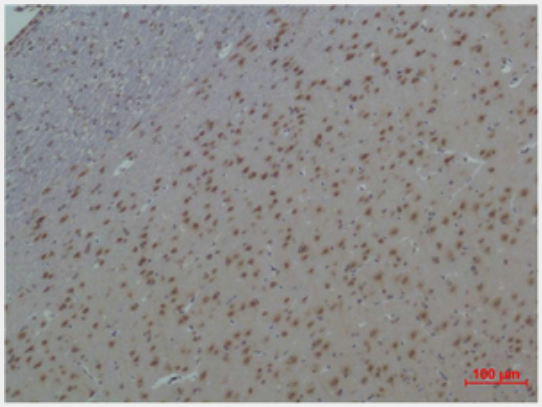

14-3-3 ε Polyclonal Antibody - Background

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).