

YWHAE / 14-3-3 Epsilon Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS12901**Specification**

YWHAE / 14-3-3 Epsilon Antibody (N-Terminus) - Product Information

Application	IHC
Primary Accession	P62258
Reactivity	Human, Mouse, Rat, Rabbit, Chicken, Bovine, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29kDa KDa

YWHAE / 14-3-3 Epsilon Antibody (N-Terminus) - Additional Information**Gene ID** 7531**Other Names**

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

Target/Specificity

Recognizes the acetylated N-terminal of 14-3-3 epsilon. It is a member of the 14-3-3 family which consists of 30 kD proteins that are involved in multiple protein kinase signalling pathways, regulation of cell cycle progression, cytoskeletal structur ...

Reconstitution & Storage

+4°C or -20°C, Avoid repeated freezing and thawing.

Precautions

YWHAE / 14-3-3 Epsilon Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

YWHAE / 14-3-3 Epsilon Antibody (N-Terminus) - 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](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:<[a href="http://www.uniprot.org/citations/12917326" target="_blank">12917326](http://www.uniprot.org/citations/12917326)). 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](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). 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).

Cellular Location

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

Volume

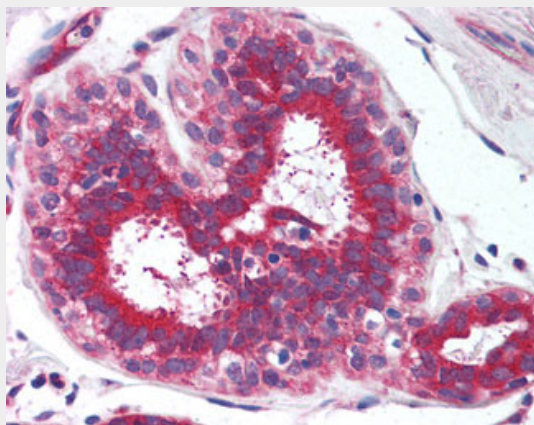
Array

YWHAE / 14-3-3 Epsilon Antibody (N-Terminus) - 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](#)

YWHAE / 14-3-3 Epsilon Antibody (N-Terminus) - Images



Anti-YWHAE / 14-3-3 Epsilon antibody IHC of human breast.

YWHAE / 14-3-3 Epsilon Antibody (N-Terminus) - 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.

YWHAE / 14-3-3 Epsilon Antibody (N-Terminus) - References

Conklin D.S.,et al.Proc. Natl. Acad. Sci. U.S.A. 92:7892-7896(1995).
Chong S.S.,et al.Genome Res. 6:735-741(1996).
Jin D.-Y.,et al.Nature 382:308-308(1996).

Han D.,et al.Biochem. Biophys. Res. Commun. 396:401-406(2010).
Luk S.C.W.,et al.Submitted (JUN-1995) to the EMBL/GenBank/DDBJ databases.