

14-3-3 alpha + beta Antibody
Rabbit mAb
Catalog # AP90915**Specification**

14-3-3 alpha + beta Antibody - Product Information

Application	WB, IHC, FC, ICC, IP
Primary Accession	P31946
Reactivity	Rat
Clonality	Monoclonal

Other Names

14 3 3 protein beta/alpha; Brain protein 14 3 3 beta isoform; GW128; HS 1; KCIP-1; KCIP1; Protein 1054; Protein kinase C inhibitor protein 1; YWHAA; YWHAB;

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	28082 Da

14-3-3 alpha + beta Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human 14-3-3 alpha + beta
Description	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. Negative regulator of osteogenesis.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

14-3-3 alpha + beta Antibody - Protein Information**Name** YWHAB**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. Binding generally results in the modulation of the activity of the binding partner. Negative regulator of osteogenesis. Blocks the nuclear translocation of the phosphorylated form (by AKT1) of SRPK2 and antagonizes its stimulatory effect on cyclin D1 expression resulting in blockage of neuronal apoptosis elicited by SRPK2. Negative regulator of

signaling cascades that mediate activation of MAP kinases via AKAP13.

Cellular Location

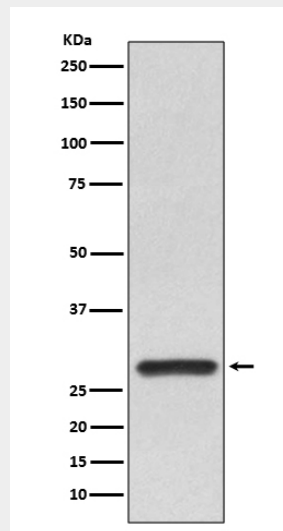
Cytoplasm. Melanosome. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV

14-3-3 alpha + beta 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 alpha + beta Antibody - Images



Western blot analysis of 14-3-3 alpha + beta expression in HeLa lysate.