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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

Dilution	**WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 ICC~~N/A IP~~N/A**
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.

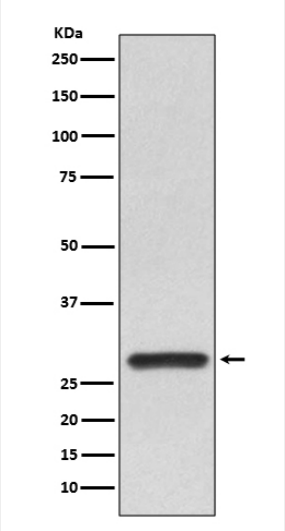
Cellular Location
Cytoplasm. Melanosome. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV

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 Cytomety
- Cell Culture

14-3-3 alpha + beta Antibody - Images



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