

## Mouse 14.3.3 (eta) Antibody | anti-14-3-3 eta antibody

14.3.3 (eta), Monoclonal Antibody, Mouse

| CATALOG # | HOST  | REACTIVITY        | APPLICATIONS                     |
|-----------|-------|-------------------|----------------------------------|
| AAA76420  | Mouse | Human, Mouse, Rat | Western Blot, Immunofluorescence |

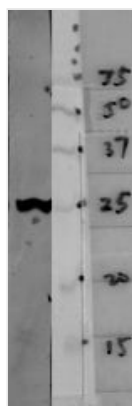
### PRODUCT SYNONYMS

14.3.3 (eta); Monoclonal Antibody; Mouse; anti-14-3-3 eta antibody

### PRODUCT SPECIFICATIONS

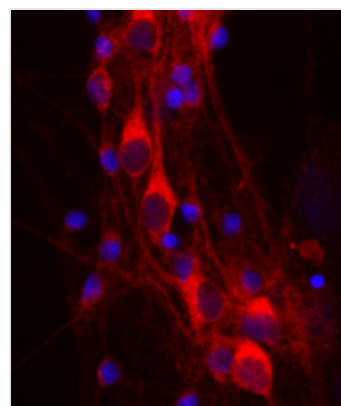
|                                                      |                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                 | Mouse                                                                                                                                                                                                                                                                             |
| Reactivity                                           | Human, Mouse, Rat                                                                                                                                                                                                                                                                 |
| Isotype                                              | IgG <sub>1</sub>                                                                                                                                                                                                                                                                  |
| Purity/Purification                                  | Purified                                                                                                                                                                                                                                                                          |
| Form/Format                                          | Affinity Purified - Liquid                                                                                                                                                                                                                                                        |
| Concentration                                        | 1 mg/ml. (varies by lot)                                                                                                                                                                                                                                                          |
| Sequence Length                                      | 246                                                                                                                                                                                                                                                                               |
| Applicable Applications for anti-14-3-3 eta antibody | WB (Western Blot), IF (Immunofluorescence)                                                                                                                                                                                                                                        |
| Immunogen                                            | Purified, E Coli-derived, recombinant human 14-3-3 eta protein.                                                                                                                                                                                                                   |
| Preparation and Storage                              | Antibody can also be aliquotted and stored frozen at -20° C to -70° C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles. |

### IMAGES



#### Application Data

Image: Blots of crude HeLa cell homogenate blotted with 14-3-3 eta (left lane) and various molecular weight standards (right lane- numbers indicate apparent SDS-PAGE molecular weight in kDa). The mouse monoclonal antibody binds strongly and cleanly to a band at about 28kDa.



#### Application Data

Image: rat mixed neuron/glia cultures stained with 14-3-3 eta antibody (red). Neuronal perikarya are very rich in 14-3-3 eta which has a diffuse cytoplasmic staining pattern. Blue is a DNA stain.

ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-14-3-3 eta antibody | The 14.3.3 family of proteins were originally discovered as prominent protein spots on 2 dimensional gels. They are a family of 28-33kDa proteins which are often major proteins of the cytoplasm (1). They function as binding partners for phosphoserine and phosphthreonine sites in other proteins, though they have other binding partners which are not dependent on phosphorylation. These binding interactions are important in the regulation of molecules such as the signaling kinases in the MAP kinase pathway c-Raf and b-Raf, the proapoptotic molecules Bad and Bax and the cell cycle regulator Cdc25. |
| Product Categories/Family for anti-14-3-3 eta antibody   | Antibodies; Neuronal-Glial Markers; Neuron/Synapse Markers; 14-3-3 eta                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                            |
|----------------------------------|----------------------------------------------------------------------------|
| NCBI GI #                        | 4507951                                                                    |
| NCBI GeneID                      | 7533                                                                       |
| NCBI Accession #                 | NP_003396.1                                                                |
| NCBI GenBank Nucleotide #        | NM_003405.3                                                                |
| NCBI Official Full Name          | 14-3-3 protein eta                                                         |
| NCBI Official Synonym Full Names | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein eta |
| NCBI Official Symbol             | YWHAH                                                                      |
| NCBI Official Synonym Symbols    | YWHA1                                                                      |
| NCBI Protein Information         | 14-3-3 protein eta                                                         |
| UniProt Protein Name             | 14-3-3 protein eta                                                         |
| UniProt Gene Name                | YWHAH                                                                      |
| UniProt Synonym Gene Names       | YWHA1                                                                      |
| UniProt Entry Name               | 1433F_HUMAN                                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-14-3-3-eta-human-mouse-rat-antibody/14-3-3-eta/76420>