
anti-14-3-3

Cat #: HM1001
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

The 14-3-3 family of signaling intermediates comprise at least 7 highly conserved mammalian isoforms. They are expressed in a broad range of tissues and cell types and were first discovered as a series of highly abundant proteins in brain tissue. 14-3-3 proteins mediate signal transduction by binding to phosphoserine-containing proteins. It has been shown that they interact with Raf1, protein kinase C and other proteins that are involved in various signal transduction pathways. 14-3-3 proteins are critical to cell transformation and mitotic signaling.

SPECIFICITY

This antibody reacts broadly with 14-3-3 protein family members of mouse, rat and human. It can be used in Western blotting, immunoprecipitation and immunohistochemistry (including paraffin-embedded sections).

Molecular Weight of 14-3-3: 30 kDa.

Western blotting positive controls: HeLa cells; NIH/3T3 cells.

IMMUNOGEN

Full-length recombinant human 14-3-3 gamma protein.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCE

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