
anti-Dynamin

Cat #: HM1120
Mouse Monoclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

Dynamins represent one of the subfamilies of GTP-binding proteins. These proteins share sequence similarity over the N-terminal portion of the molecule, which contains the GTPase domain. Dynamins are associated with microtubules. They have been implicated in cell processes such as endocytosis and cell motility, and in alterations of the membrane that accompany certain activities such as bone resorption by osteoclasts. Dynamins bind many proteins that bind actin and other cytoskeletal proteins. Dynamins can also self-assemble, a process that stimulates GTPase activity. Dynamin I is expressed in the central nervous system, while Dynamin II exhibits ubiquitous distribution with highest expression found in testis.

SPECIFICITY

This antibody reacts with human Dynamin by Western blotting and immunohistochemistry.

IMMUNOGEN

A recombinant protein corresponding to the carboxy terminus of human Dynamin.

STORAGE

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

REFERENCES

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