

## MYH1 Polyclonal Antibody

**Catalog No.** E-AB-61414

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

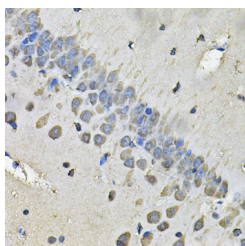
### Description

|                     |                                                         |
|---------------------|---------------------------------------------------------|
| <b>Reactivity</b>   | Human,Mouse,Rat                                         |
| <b>Immunogen</b>    | Recombinant fusion protein of human MYH1 (NP_005954.3). |
| <b>Host</b>         | Rabbit                                                  |
| <b>Isotype</b>      | IgG                                                     |
| <b>Purification</b> | Affinity purification                                   |
| <b>Conjugation</b>  | Unconjugated                                            |
| <b>Buffer</b>       | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.       |

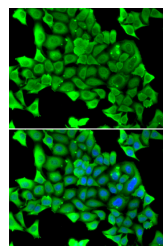
### Applications Recommended Dilution

|            |            |
|------------|------------|
| <b>IHC</b> | 1:50-1:200 |
| <b>IF</b>  | 1:50-1:100 |

### Data



Immunohistochemistry of paraffin-embedded Rat brain using MYH1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U2OS cells using MYH1 Polyclonal Antibody

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### Background

Myosin is a major contractile protein which converts chemical energy into mechanical energy through the hydrolysis of ATP. Myosin is a hexameric protein composed of a pair of myosin heavy chains (MYH) and two pairs of nonidentical light chains. Myosin heavy chains are encoded by a multigene family. In mammals at least 10 different myosin heavy chain (MYH) isoforms have been described from striated, smooth, and nonmuscle cells. These isoforms show expression that is spatially and temporally regulated during development.

### For Research Use Only