

PPP2CA antibody

Catalog No: #39115



Package Size: #39115-1 50ul #39115-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

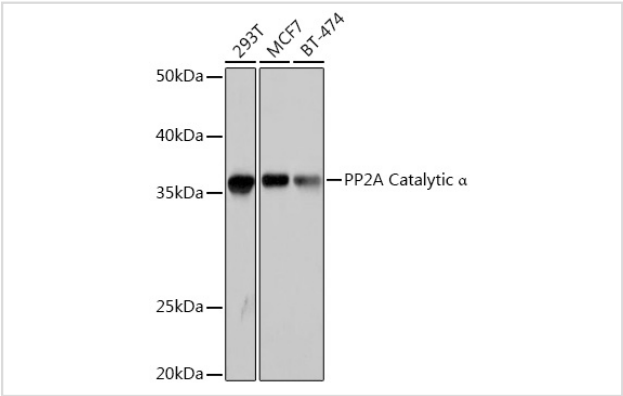
Description

|                       |                                                                     |
|-----------------------|---------------------------------------------------------------------|
| Product Name          | PPP2CA antibody                                                     |
| Host Species          | Rabbit                                                              |
| Clonality             | Polyclonal                                                          |
| Isotype               | IgG                                                                 |
| Purification          | Affinity purification                                               |
| Applications          | WB,IF                                                               |
| Species Reactivity    | Human;Mouse;Rat                                                     |
| Specificity           | The antibody detects endogenous level of total PPP2CA protein.      |
| Immunogen Type        | Recombinant Protein                                                 |
| Immunogen Description | Recombinant fusion protein of human PP2A Catalytic α (NP_002706.1). |
| Conjugates            | Unconjugated                                                        |
| Target Name           | PPP2CA                                                              |
| Other Names           | PPP2CA;PP2Ac;PP2CA;PP2Calpha;RP-C                                   |
| Accession No.         | Uniprot:P67775GeneID:5515                                           |
| SDS-PAGE MW           | 36KDa                                                               |
| Concentration         | 1.0mg/ml                                                            |
| Formulation           | PBS with 0.02% sodium azide,50% glycerol,pH7.3.                     |
| Storage               | Store at -20°C. Avoid freeze / thaw cycles.                         |

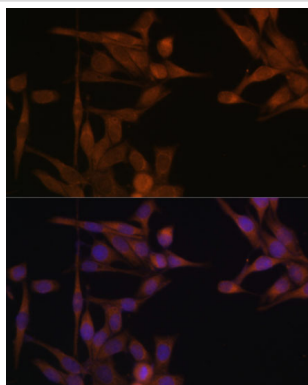
Application Details

WB 1:500 - 1:2000IF 1:50 - 1:200

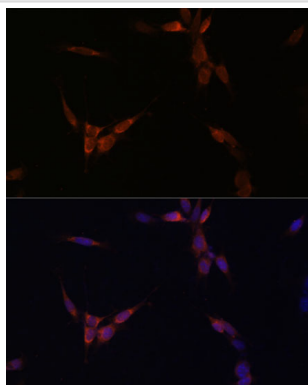
Images



Western blot analysis of extracts of various cell lines, using PP2A Catalytic α Rabbit pAb.



Immunofluorescence analysis of HeLa cells using PP2A Catalytic  $\alpha$  antibody.



Immunofluorescence analysis of NIH/3T3 cells using PP2A Catalytic  $\alpha$  antibody.

## Background

This gene encodes the phosphatase 2A catalytic subunit. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. This gene encodes an alpha isoform of the catalytic subunit.

## Published Papers

el at., Microcystin-LR exposure results in aberrant spindles and induces apoptosis in porcine oocytes. In Theriogenology on 2020 Dec by Fengyao Shi, Wenhui Li, et al..PMID: 33038821, , (2020)

[PMID:33038821](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.