

# Calcineurin B Polyclonal Antibody

| Product Details    |  |
|--------------------|--|
| Size               | 100 µL   |
| Species Reactivity | Human, Mouse, Rat  |
| Host/Isotype       | Rabbit / IgG   |
| Class              | Polyclonal   |
| Type               | Antibody   |
| Conjugate          | Unconjugated   |
| Immunogen          | Recombinant protein fragment corresponding to a region within amino acids 1 and 154 of Human Calcineurin B |
| Form               | Liquid   |
| Concentration      | 0.76 mg/mL   |
| Purification       | Antigen affinity chromatography  |
| Storage buffer     | 0.1M tris glycine, pH 7, with 20% glycerol   |
| Contains           | 0.01% thimerosal   |
| Storage conditions | Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.               |
| RRID               | AB_2547413   |

| Applications                              | Tested Dilution | Publications |
|---|-----------------|--------------|
| Western Blot (WB)                         | 1:500-1:50,000  | -            |
| Immunohistochemistry (Paraffin) (IHC (P)) | 1:100-1:1,000   | -            |
| Immunocytochemistry (ICC/IF)              | 1:100-1:1,000   | -            |

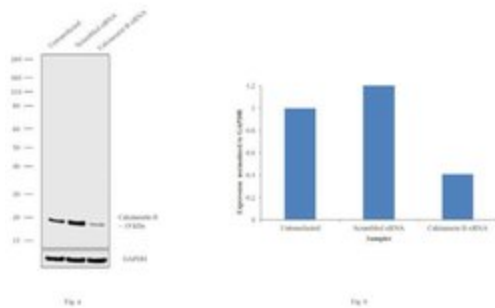
## Product Specific Information

Recommended positive controls: NT2D1, IMR32, U87-MG, MCF-7, mouse fetal brain, rat brain, MEF.

Predicted reactivity: Mouse (100%), Rat (100%), *Xenopus laevis* (97%), Bovine (100%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

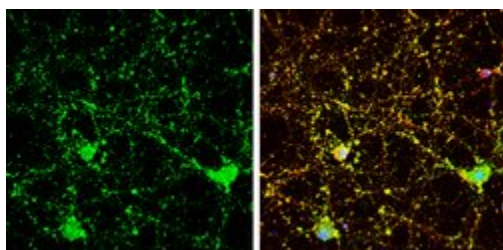
## Advanced Verification Data



### Calcineurin B Antibody (PA5-29939)

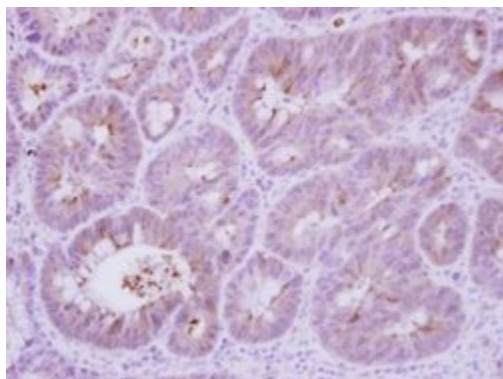
Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with Calcineurin B siRNA and reduction in signal was observed in Western Blot using Calcineurin B Polyclonal Antibody (Product # PA5-29939). Knockdown validation info.

## Product Images For Calcineurin B Polyclonal Antibody



### Calcineurin B Antibody (PA5-29939) in ICC/IF

Immunocytochemistry-Immunofluorescence analysis of Calcineurin B was performed in DIV9 rat E18 primary cortical neuron cells fixed in 4% paraformaldehyde at RT for 15 min. Green: Calcineurin B Polyclonal Antibody (Product # PA5 29939) diluted at 1: 500. Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody. Blue: Fluoroshield with DAPI.



### Calcineurin B Antibody (PA5-29939) in IHC (P)

Immunohistochemical analysis of Calcineurin B in paraffin-embedded colon carcinoma using a Calcineurin B polyclonal antibody (Product # PA5-29939) at a dilution of 1:250.

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