

## Anti-Calcineurin Alpha Ppp3r1 Antibody (Monoclonal, 35P52)

Catalog Number: M06469

### About Ppp3r1

Calcineurin, the Ca (2+)/calmodulin-regulated protein phosphatase, first detected in skeletal muscle and brain, has been found in all cells from yeast to mammals. Calcineurin A alpha (PPP3CA), is located on human chromosomes 4, Chromosomal mapping of the human genes for the calmodulin-dependent protein phosphatase (calcineurin) catalytic subunit. Calcineurin regulates bone formation by the osteoblast.

### Overview

Product Name	Anti-Calcineurin Alpha Ppp3r1 Antibody (Monoclonal, 35P52)
Reactive Species	Bovine, Human, Mouse, Rat
Description	Boster Bio Anti-Calcineurin Alpha Ppp3r1 Antibody (Monoclonal, 35P52) catalog # M06469. Tested in IHC, WB applications. This antibody reacts with Bovine, Human, Mouse, Rat.
Application	IHC, WB
Clonality	Monoclonal 35P52
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year and at 4°C for one month from date of receipt. Avoid repeated freezing and thawing.
Host	Mouse
Uniprot ID	P63100

### Technical Details

Immunogen	Bovine brain calcineurin.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human, bovine, mouse, rat Western blot, 0.25-0.5ug/ml, Human, bovine, mouse, rat

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