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# 39-1007: Anti-Calcineurin alpha Monoclonal Antibody (Clone: CN-A1)

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| **Clonality :** | Monoclonal |
| **Clone Name :** | CN-A1 |
| **Application :** | WB,IHC-P |
| **Reactivity :** | Human |
| **Gene :** | Ppp3r1 |
| **Gene ID :** | 29748 |
| **Uniprot ID :** | P63100 |
| **Alternative Name :** | Calcineurin subunit B type 1; Protein phosphatase 2B regulatory subunit 1; Protein phosphatase 3 regulatory subunit B alpha isoform 1; Ppp3r1; Cna2, Cnb |
| **Isotype :** | Mouse IgG1 |
| **Immunogen Information :** | Bovine brain calcineurin. |

## Description

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.

## Product Info

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| **Amount :** | 100 µg/vial |
| **Purification :** | Ascites |
| **Content :** | Each vial contains 50% glycerol, 1.2% Sodium acetate, 1% BSA, 0.02% NaN3. |
| **Storage condition :** | At -20˚C for one year, at 4˚C for one month. Avoid repeated freezing and thawing. |

## Application Note

Western blot : 0.25-0.5Ã¼g/ml; Immunohistochemistry(Paraffin-embedded Section) : 0.5-1Ã¼g/ml

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***