

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

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

Amount :	100 µg/vial
Purification :	Ascites
Content :	Each vial contains 50% glycerol, 1.2% Sodium acetate, 1% BSA, 0.02% NaN ₃ .
Storage condition :	At -20°C for one year, at 4°C for one month. Avoid repeated freezing and thawing.

Application Note

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