

Calcineurin A polyclonal antibody

Catalog: BCP00314

Host: Rabbit

Reactivity: Human

BackGround:

In eukaryotes, the phosphorylation and dephosphorylation of proteins on serine and threonine residues is an essential means of regulating a broad range of cellular functions including division, homeostasis and apoptosis. A group of proteins that are intimately involved in this process are the protein phosphatases. In general, the protein phosphatase (PP) holoenzyme is a trimeric complex composed of a regulatory subunit, a variable subunit and a catalytic subunit. Four major families of protein phosphatase catalytic subunit have been identified, designated PP1, PP2A, PP2B and PP2C. An additional protein phosphatase catalytic subunit, PPX (also known as PP4), is a putative member of a novel PP family. The PP2B family comprises subfamily members PP2B-A α , PP2B-A β and PP2B-A γ . Two additional regulatory subunits been identified, designated PP2B-B1 and PP2B-B2.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 59 kD

Swiss-Prot:

Q08209

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1:2000~1:5000

IF: 1:50~1:200

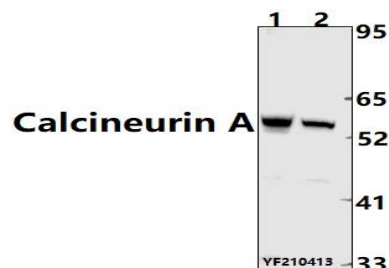
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Calcineurin A polyclonal antibody detects endogenous levels of Calcineurin A protein.

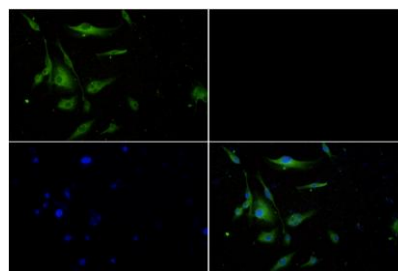
DATA:



Western blot (WB) analysis of Calcineurin A pAb at 1:2000 dilution

Lane1:EC9706 whole cell lysate(40ug)

Lane2:U-87MG whole cell lysate(40ug)



Immunofluorescence analysis of U-87MG cells using Calcineurin A antibody at dilution of 1:50.

Note:

For research use only, not for use in diagnostic procedure.