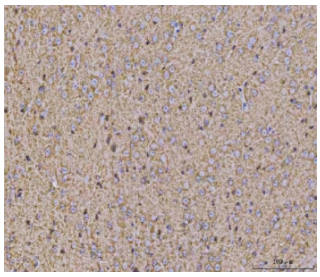
Calcineurin A Antibody [clone CN-A1] (R30007)

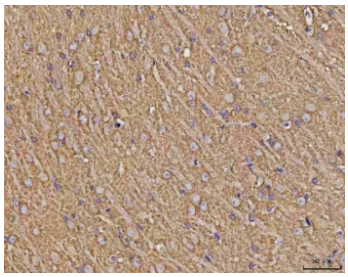
Catalog No.	Formulation	Size
R30007	Lyophilized mouse ascites with 1% BSA and 0.01% sodium azide	100 ug

Bulk quote request

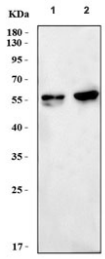
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat, Bovine
Format	Ascites
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	CN-A1
Purity	Ascites
Buffer	1X PBS
UniProt	P63100
Gene ID	5534
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Calcineurin A antibody is available for research use only.



IHC staining of FFPE mouse brain tissue with Calcineurin A antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat brain tissue with Calcineurin A antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) rat brain and 2) mouse brain tissue lysate with Calcineurin A antibody. Expected molecular weight ~59 kDa.

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.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Calcineurin A antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Bovine brain calcineurin was used as the immunogen for this Calcineurin A antibody.

Storage

The Calcineurin A antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com