

Anti-Calcineurin A Rabbit Monoclonal Antibody

Catalog Number: M03026

About PPP3CA

F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein. Probably involved in vesicular trafficking via its association with the CART complex. The CART complex is necessary for efficient transferrin receptor recycling but not for EGFR degradation.

Overview

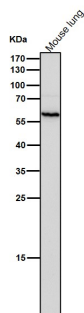
Product Name	Anti-Calcineurin A Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Calcineurin A Rabbit Monoclonal Antibody catalog # M03026. Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, ICC, WB
Clonality	Monoclonal ABOG-16
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q08209

Technical Details

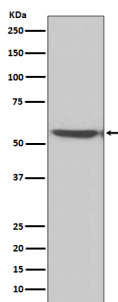
Immunogen	A synthesized peptide derived from human Calcineurin A
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:500-1:2000 ICC/IF 1:50-1:200 FC 1:50
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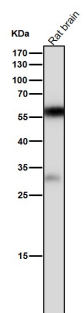
Anti-Calcineurin A Rabbit Monoclonal Antibody (M03026) Images



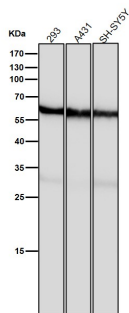
All lanes use the Antibody at 1:2W dilution for 1 hour at room temperature.



Western blot analysis of Calcineurin A expression in A431 cell lysate.



All lanes use the Antibody at 1:2W dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:2W dilution for 1 hour at room temperature.

2 Publications Citing This Product

1. PubMed ID: 10.1002/jcp.27791, Ranolazine prevents pressure overload-induced cardiac hypertrophy and heart failure by restoring aberrant Na⁺ and Ca²⁺ handling

2. PubMed ID: 25587324, Buckwheat Rutin Inhibits AngII-induced Cardiomyocyte Hypertrophy via Blockade of CaN-dependent Signal Pathway

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