

PPP3R1 / Calcineurin B Antibody (aa7-37)
Rabbit Polyclonal Antibody
Catalog # ALS17031**Specification**

PPP3R1 / Calcineurin B Antibody (aa7-37) - Product Information

Application	IHC, WB, FC
Primary Accession	P63098
Other Accession	5534
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19300

PPP3R1 / Calcineurin B Antibody (aa7-37) - Additional Information**Gene ID** 5534**Other Names**

PPP3R1, CALNB1, CNA2, Calcineurin B, type I (19kDa), Calcineurin subunit B type 1, CNB, Calcineurin b, CNB1

Target/Specificity

Human PPP3R1 / Calcineurin B

Reconstitution & Storage

PBS, 0.09% sodium azide. Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

PPP3R1 / Calcineurin B Antibody (aa7-37) is for research use only and not for use in diagnostic or therapeutic procedures.

PPP3R1 / Calcineurin B Antibody (aa7-37) - Protein Information**Name** PPP3R1**Synonyms** CNA2, CNB**Function**

Regulatory subunit of calcineurin, a calcium-dependent, calmodulin stimulated protein phosphatase. Confers calcium sensitivity.

Cellular Location

Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q63810}. Cell membrane {ECO:0000250|UniProtKB:Q63810}. Cell membrane, sarcolemma {ECO:0000250|UniProtKB:Q63810}. Cell membrane; Lipid-anchor. Note=Translocates from the cytosol to the sarcolemma in a CIB1-dependent manner during cardiomyocyte hypertrophy.

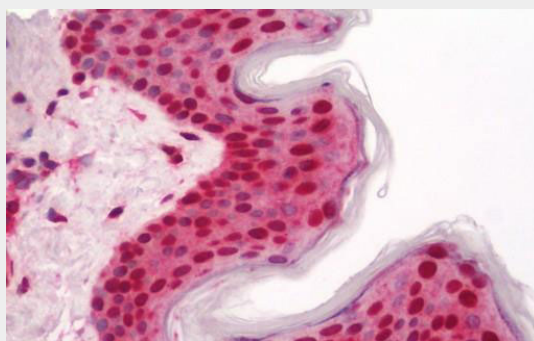
{ECO:0000250|UniProtKB:Q63810}

PPP3R1 / Calcineurin B Antibody (aa7-37) - Protocols

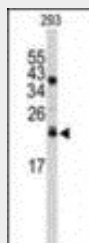
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

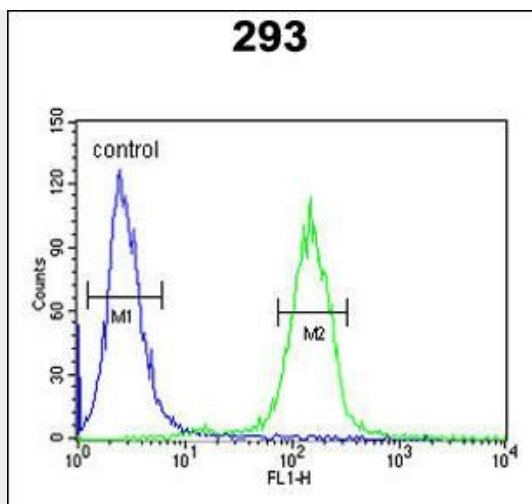
PPP3R1 / Calcineurin B Antibody (aa7-37) - Images



Human Skin: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western blot analysis of PPP3R1 Antibody (N-term) in 293 cell line lysates (35 ug/lane).



PPP3R1 Antibody (N-term) flow cytometric analysis of 293 cells (right histogram) compared to a...

PPP3R1 / Calcineurin B Antibody (aa7-37) - Background

Regulatory subunit of calcineurin, a calcium-dependent, calmodulin stimulated protein phosphatase. Confers calcium sensitivity.

PPP3R1 / Calcineurin B Antibody (aa7-37) - References

- Guerini D.,et al.DNA 8:675-682(1989).
- Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
- Ota T.,et al.Nat. Genet. 36:40-45(2004).
- Hillier L.W.,et al.Nature 434:724-731(2005).
- Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.