

## Anti-Calcineurin A/PPP3CA Antibody (4D246)

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 59 kDa.
Clone:	4D246
Purification:	ProA affinity purified

## Applications

Application:	FCM,WB
Recommended	WB: 1:500-1000; FCM: 1:50-100

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	Q08209
Synonyms:	CALN;protein phosphatase 3, catalytic subunit, $\alpha$ isozyme;PPP2B;CALNA;CALNA1;CNA1;protein phosphatase 3, catalytic subunit, alpha isozyme;CCN1

## Research 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 $\alpha$ , PP2B-A $\beta$  and PP2B-A $\gamma$ . Two additional regulatory subunits been identified, designated PP2B-B1 and PP2B-B2.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481