

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-PPP3CA



Numéro de catalogue: **CL647-13422**

## Informations de base

<b>Numéro de catalogue:</b> CL647-13422	<b>Numéro d'acquisition GenBank:</b> BC025714	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 5530	<b>Excitation/Emission maxima wavelengths:</b> 654 nm / 674 nm
<b>Hôte:</b> Lapin	<b>Nom complet:</b> protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform	
<b>Isotype:</b> IgG	<b>MW calculé</b> 59 kDa	
<b>Immunogen Catalog Number:</b> AG4203	<b>MW observés:</b> 59 kDa	

## Applications

**Applications testées:**  
FC (Intra)

**Spécificité de l'espèce:**  
Humain, souris

## Informations générales

PPP3CA, also called calcineurin A $\alpha$ , is the only serine/threonine protein phosphatase under the control of Ca $^{2+}$ /calmodulin, and plays a critical role in the coupling of Ca $^{2+}$  signals to cellular responses. Ca $^{2+}$  signaling plays a central role in hypertrophic growth of cardiac and skeletal muscle in response to mechanical load and a variety of signals. Therefore, PPP3CA plays an important role in muscle differentiation, especially in muscle fiber type conversion. It is also involved in osteoclast regulation, regulating bone formation through an effect on osteoblast differentiation.

## Stockage

**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.

**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

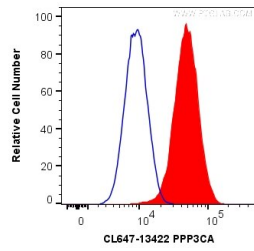
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Données de validation sélectionnées



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.2 ug Coralite® Plus 647 Anti-Human PPP3CA (CL647-13422) (red), or 0.2 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).