

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PPP3CA-specific



Numéro de catalogue: 55147-1-AP

Informations de base

Numéro de catalogue:
55147-1-AP

Taille:
150µl, Concentration: 300 µg/ml by
Nanodrop and 220 µg/ml by Bradford
method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Numéro d'acquisition GenBank:
NM_000944

Identification du gène (NCBI):
5530

Nom complet:
protein phosphatase 3 (formerly 2B),
catalytic subunit, alpha isoform

MW calculé

59 kDa

MW observés:

59 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:500-1:1000

Applications

Applications testées:
WB, ELISA

Spécificité de l'espèce:
Humain, souris

Contrôles positifs:

WB : tissu cérébral de souris, tissu pancréatique de
souris

Informations générales

PPP3CA, also called calcineurin A α , 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. This antibody is specific to PPP3CA.

Stockage

Stockage:
Stocker à -20 °C

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

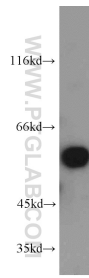
For technical support and original validation data for this product please contact:

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

E: proteintech@ptglab.com
W: 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



mouse brain tissue were subjected to SDS PAGE followed by western blot with 55147-1-AP (PPP3CA-specific antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.