

À des fins de recherche uniquement

Anticorps Monoclonal anti-PPP3CA

Numéro de catalogue: 68163-1-Ig



Informations de base

Numéro de catalogue:	68163-1-Ig	Numéro d'acquisition GenBank:	BC025714	Méthode de purification:	Purification par protéine A
Taille:	150ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI):	5530	CloneNo.:	2A5C1
Hôte:	Mouse	Nom complet:	protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform	Dilutions recommandées:	WB 1:5000-1:50000
Isotype:	IgG2b	MW calculé	59 kDa		
Immunogen Catalog Number:	AG32642	MW observés:	59 kDa		

Applications

Applications testées:
WB, ELISA

Spécificité de l'espèce:
Humain, Lapin, porc, rat, souris

Contrôles positifs:
WB : cellules SH-SY5Y, muscle squelettique de rat, tissu cérébral de lapin, tissu cérébral de porc, tissu cérébral de rat, tissu cérébral de souris, tissu de muscle squelettique de lapin

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.

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.

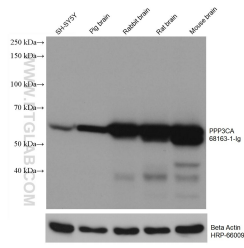
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

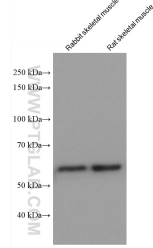
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 68163-1-Ig (PPP3CA antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



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