

Nur für Forschungszwecke

PPP3CA Monoklonaler Antikörper

Katalog-Nr.:68163-1-Ig



Allgemeine Informationen

Katalog-Nr.: 68163-1-Ig	GenBank-Zugangsnummer: BC025714	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von5530 Nanodrop;	GeneID (NCBI): 2A5C1	CloneNo.: 2A5C1
Wirt: Maus	Vollständiger Name: protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform	Empfohlene Verdünnungen: WB 1:5000-1:50000
Isotyp: IgG2b	Berechnete Masse: 59 kDa	
Immunogen Katalognummer: AG32642	Beobachtete Masse: 59 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : SH-SY5Y-Zellen, Hausschwein-Hirngewebe, Kaninchenhirngewebe, Kaninchen- Skelettmuskelgewebe, Maushirngewebe, Rattenhirngewebe
Getestete Reaktivität: Hausschwein, Human, Kaninchen, Maus, Ratte	

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

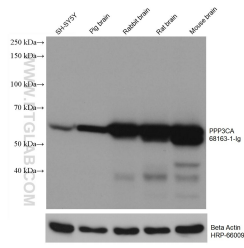
For technical support and original validation data for this product please contact:

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

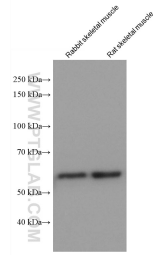
E: proteintech@ptglab.com
W: ptglab.com

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Ausgewählte Validierungsdaten



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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