

Nur für Forschungszwecke

PPP3CA-specific Polyklonaler Antikörper



Katalog-Nr.:55147-1-AP

Allgemeine Informationen

Katalog-Nr.: 55147-1-AP	GenBank-Zugangsnummer: NM_000944	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 300 µg/ml von Nanodrop und 220 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 5530	Empfohlene Verdünnungen: WB 1:500-1:1000
Wirt: Kaninchen	Vollständiger Name: protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform	
Isotyp: IgG	Berechnete Masse: 59 kDa	
	Beobachtete Masse: 59 kDa	

Anwendungen

Geprüfte Anwendungen: WB,ELISA	Positivkontrollen: WB : Maushirngewebe, Maus-Pankreasgewebe
Getestete Reaktivität: Human, Maus	

Hintergrundinformationen

PPP3CA, also called calcineurin A α , is the only serine/threonine protein phosphatase under the control of Ca²⁺/calmodulin, and plays a critical role in the coupling of Ca²⁺ signals to cellular responses. Ca²⁺ 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.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern.
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

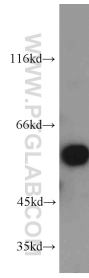
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Ausgewählte Validierungsdaten



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.