

Nur für Forschungszwecke

ACTN2 Monoklonaler Antikörper

Katalog-Nr.:68223-1-Ig



Allgemeine Informationen

Katalog-Nr.: 68223-1-Ig	GenBank-Zugangsnummer: BC051770	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von88 Nanodrop;	GeneID (NCBI): actinin, alpha 2	CloneNo.: 1D5F9
Wirt: Maus	Vollständiger Name: actinin, alpha 2	Empfohlene Verdünnungen: WB 1:20000-1:100000
Isotyp: IgG2b	Berechnete Masse: 104 kDa	
Immunogen Katalognummer: AG5578	Beobachtete Masse: 103 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : Hausschwein-Herzgewebe, Hausschwein-Kolongewebe, Kaninchenherzgewebe, Mausherzgewebe, Rattenherzgewebe, Ratten-Kolongewebe
Getestete Reaktivität: Hausschwein, Human, Kaninchen, Maus, Ratte	

Hintergrundinformationen

Alpha actinin 2 (ACTN2) belongs to the alpha-actinin family and is expressed in both skeletal and cardiac muscles and functions to anchor myofibrillar actin thin filaments and titin to Z-discs (PMID: 30701273). ACTN2 is an actin-binding protein with multiple roles in different cell types. In nonmuscle cells, the cytoskeletal isoform is found along microfilament bundles and adherens-type junctions, where it is involved in binding actin to the membrane. In contrast, skeletal, cardiac, and smooth muscle isoforms are localized to the Z disc and analogous dense bodies, where they help anchor the myofibrillar actin filaments. Mutations in ACTN2 are associated with hypertrophic cardiomyopathy, as well as dilated cardiomyopathy and endocardial fibroelastosis (PMID: 20022194, 14567970).

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**

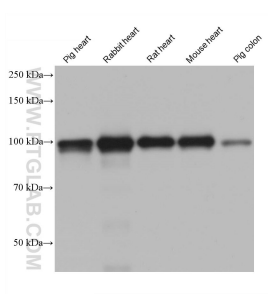
For technical support and original validation data for this product please contact:

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

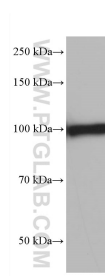
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 68223-1-Ig (ACTN2 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



rat colon tissue were subjected to SDS PAGE followed by western blot with 68223-1-Ig (ACTN2 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.