

À des fins de recherche uniquement

# Anticorps Monoclonal anti-ACTN2

Numéro de catalogue: 68223-1-Ig



## Informations de base

Numéro de catalogue: 68223-1-Ig	Numéro d'acquisition GenBank: BC051770	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1000 µg/ml by 88 Nanodrop;	Identification du gène (NCBI): 88	CloneNo.: 1D5F9
Hôte: Mouse	Nom complet: actinin, alpha 2	Dilutions recommandées: WB 1:20000-1:100000
Isotype: IgG2b	MW calculé: 104 kDa	
Immunogen Catalog Number: AG5578	MW observés: 103 kDa	

## Applications

**Applications testées:**  
WB, ELISA

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

**Contrôles positifs:**  
WB : tissu cardiaque de porc, tissu cardiaque de lapin, tissu cardiaque de rat, tissu cardiaque de souris, tissu de côlon de porc, tissu de côlon de rat

## Informations générales

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).

## 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.

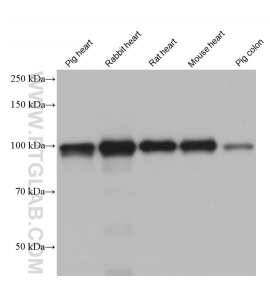
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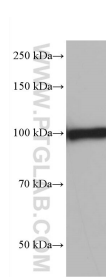
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## Données de validation sélectionnées



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.