

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-MYO18A



Numéro de catalogue: 14611-1-AP

Phare

14 Publications

## Informations de base

Numéro de catalogue:  
14611-1-AP

Taille:  
150ul, Concentration: 500 µg/ml by Nanodrop and 173 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG6185

Numéro d'acquisition GenBank:  
BC039612

Identification du gène (NCBI):  
399687

Nom complet:  
myosin XVIII A

MW calculé  
233 kDa

MW observés:  
230 kDa, 190 kDa

Méthode de purification:  
Purification par affinité contre l'antigène

Dilutions recommandées:  
WB 1:1000-1:6000  
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

## Applications

Applications testées:  
IP, WB, ELISA

Demandes citées:  
FC, IF, IHC, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, rat, souris

Contrôles positifs:

WB : cellules Jurkat, cellules HeLa, cellules K-562, cellules Neuro-2a, cellules NIH/3T3

IP : cellules HeLa,

## Informations générales

MYO18A is an unconventional myosin that may play a role in the stabilization and organization of the actin cytoskeleton. Recently MYO18A has been identified as the receptor of SP and is responsible for clearance of SP-A-opsinized bacteria in in vivo infection. Two different isoforms of mouse Myo18A have been identified: Myo18A-alpha and Myo18A-beta as 230- and 190-kDa proteins, respectively. Myo18a-alpha colocalizes with the ER-Golgi complex and with membrane ruffles and filopodia, while Myo18a-beta localizes diffusely to the cytoplasm.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaochao Tan	32931483	J Clin Invest	WB
Pierre M Jean Beltran	27641956	Cell Syst	WB,IF
Eric Yau	34735924	Immunobiology	WB

## 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.

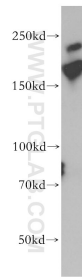
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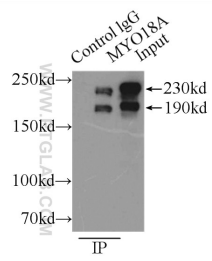
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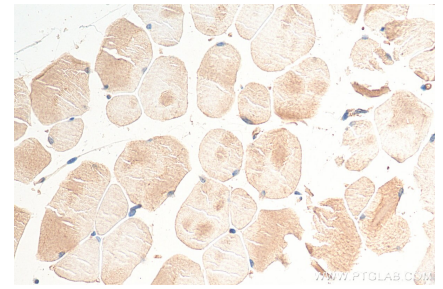
## Données de validation sélectionnées



Jurkat cells were subjected to SDS PAGE followed by western blot with 14611-1-AP (MYO18A antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



IP Result of anti-MYO18A (IP:14611-1-AP, 3ug; Detection:14611-1-AP 1:300) with HeLa cells lysate 3000ug.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 14611-1-AP (MYO18A antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).