

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-MYO6



Numéro de catalogue: 26778-1-AP

2 Publications

## Informations de base

Numéro de catalogue:

26778-1-AP

Taille:

150ul, Concentration: 350 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG24906

Numéro d'acquisition GenBank:

BC146764

Identification du gène (NCBI):

4646

Nom complet:

myosin VI

MW calculé

1285 aa, 149 kDa

MW observés:

145-150 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

IF 1:50-1:500

## Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

Contrôles positifs:

WB : tissu d'intestin grêle de souris,

IP : cellules PC-3,

IHC : tissu de cancer de la prostate humain, tissu d'intestin grêle humain

IF : tissu d'intestin grêle de souris,

## Informations générales

MYO6, an actin-based motor protein, is the only myosin known to move toward the minus end of actin filaments. MYO6 is highly expressed in the inner and outer hair cells of the ear, retina, and polarized epithelial cells such as kidney proximal tubule cells and intestinal enterocytes. And it participates in a wide range of biological processes within cells, including clathrin-mediated endocytosis, vesicular membrane traffic, polarized secretion, and autophagy (PMID: 23620821; PMID: 28591580). Previous studies showed that MYO6 is upregulated in various types of cancer, and it has been widely reported to contribute to tumor cell migration and metastasis. Some articles indicate that MYO6 is associated with prostate cancer, lung cancer, human colorectal cancer and gastric cancer (PMID: 29022908).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Shichen Hu	31371777	Nat Commun	WB
Xiao-Juan Zhan	36803774	Cell Signal	WB, IHC

## 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.

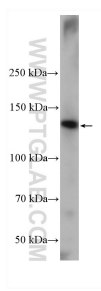
For technical support and original validation data for this product please contact:

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

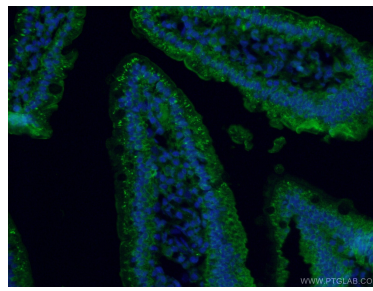
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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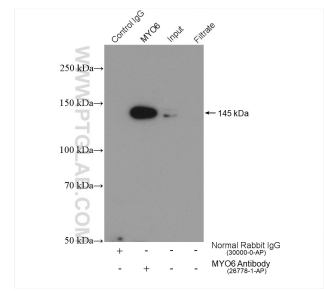
## Données de validation sélectionnées



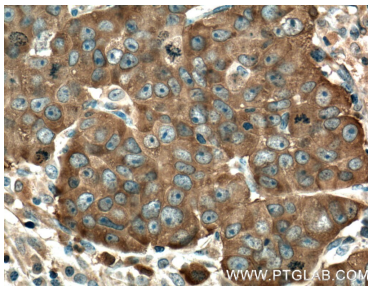
mouse small intestine tissue were subjected to SDS PAGE followed by western blot with 26778-1-AP (MYO6 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse small intestine tissue using 26778-1-AP (MYO6 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP result of anti-MYO6(IP:26778-1-AP, 4ug; Detection:26778-1-AP 1:500) with PC-3 cells lysate 2000 ug.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 26778-1-AP (MYO6 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).