

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MYH14



Numéro de catalogue: 20716-1-AP

11 Publications

Informations de base

Numéro de catalogue:

20716-1-AP

Taille:

150ul, Concentration: 300 µg/ml by Nanodrop and 253 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM_024729

Identification du gène (NCBI):

79784

Nom complet:

myosin, heavy chain 14

MW calculé

228 kDa

MW observés:

228 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:5000

IP 0.5-4.0 µg for IP and 1:1000-1:4000 for WB

IF 1:10-1:100

Applications

Applications testées:

FC, IF, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cellules COLO 320, cellules HEK-293, tissu de côlon de souris, tissu de muscle squelettique humain, tissu rénal de rat, tissu rénal de souris

IP : tissu rénal de souris,

IF : cellules HeLa,

Informations générales

MYH14, also named as KIAA2034 and NMHC II-C, is cellular myosin that appears to play a role in cytokinesis, cell shape, and specialized functions such as secretion and capping. Defects in MYH14 are the cause of deafness autosomal dominant type 4 (DFNA4). The antibody is specific to MYH14.

Publications notables

Autrice	Pubmed ID	Journal	Application
Nalle Pentimikko	36240269	Sci Adv	IF
Colbie R Chinowsky	33026933	Mol Biol Cell	IF
Cong Li	31885626	Stem Cells Int	IF

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.

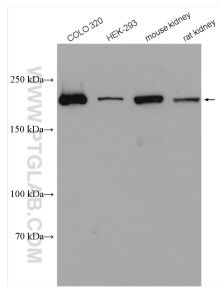
For technical support and original validation data for this product please contact:

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

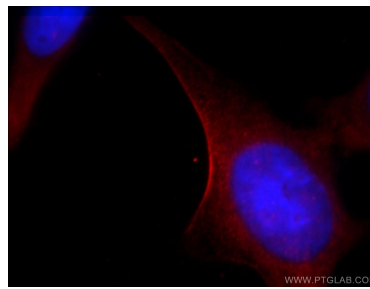
E: proteintech@ptglab.com
W: ptglab.com

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

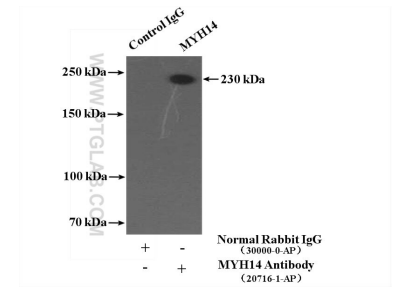
Données de validation sélectionnées



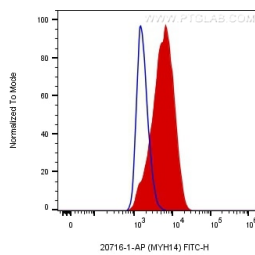
Various lysates were subjected to SDS PAGE followed by western blot with 20716-1-AP (MYH14 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells, using MYH14 antibody 20716-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-MYH14 (IP:20716-1-AP, 4ug; Detection:20716-1-AP 1:2000) with mouse kidney tissue lysate 4800ug.



1X10⁶ HT-29 cells were intracellularly stained with 0.2 ug Anti-Human MYH14 (20716-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with 0.1% TritonX-100.