

Nur für Forschungszwecke

MYH10 Polyklonaler Antikörper

Katalog-Nr.: 21403-1-AP



Allgemeine Informationen

Katalog-Nr.:
21403-1-AP

Größe:
150ul, Konzentration: 900 µg/ml von
Nanodrop und 433 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG16113

GenBank-Zugangsnummer:
BC150634

GeneID (NCBI):
4628

Vollständiger Name:
myosin, heavy chain 10, non-muscle

Berechnete Masse:
1985 aa, 230 kDa

Beobachtete Masse:
229 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:2000-1:10000

IP 0.5-4.0 µg für IP und 1:500-1:3000
für WB

IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

FC, IF, IP, WB, ELISA

Getestete Reaktivität:

Human, Maus, Ratte

Positivkontrollen:

WB: Maushirngewebe, rat brain

IP: Maushirngewebe,

IF: HepG2-Zellen,

Hintergrundinformationen

MYH10 (non-muscle II-b, NM IIB) is a member of non-muscle myosin II which plays fundamental roles in the maintenance of cell morphology, cell adhesion, and migration, as well as cell division. MYH10 is mainly present in nerve cells, megakaryocytes, and other non-muscle cells. It has been reported to mediate centrosome reorientation during cell migration and contribute to ciliogenesis. Overexpression of MYH10 has been observed in breast cancer.

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

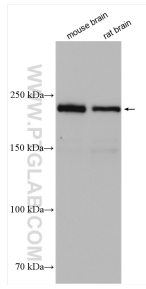
For technical support and original validation data for this product please contact:

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

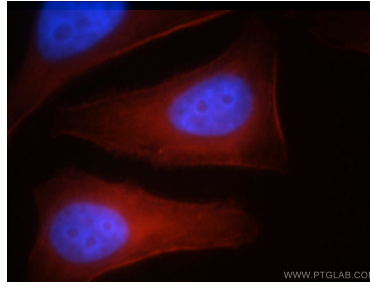
E: proteintech@ptglab.com
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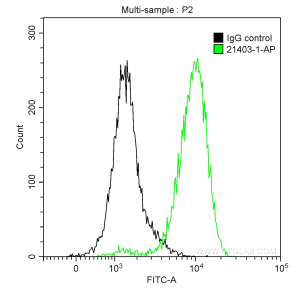
Ausgewählte Validierungsdaten



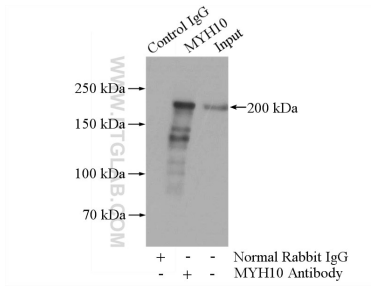
Various lysates were subjected to SDS PAGE followed by western blot with 21403-1-AP (MYH10 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using MYH10 antibody 21403-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



1×10^6 HepG2 cells were intracellularly stained with 0.2 ug Anti-Human MYH10 (21403-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Control Antibody. Cells were fixed with 90% MeOH.



IP Result of anti-MYH10 (IP:21403-1-AP, 4ug; Detection:21403-1-AP 1:1500) with mouse brain tissue lysate 3440ug.