Nur für Forschungszwecke

MYO7A Polyklonaler Antikörper

Katalog-Nr.:20720-1-AP 3 Publikationen

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Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
20720-1-AP

Größe:
150ul , Konzentration: 300 μg/ml von Nanodrop und 287 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

GenBank-Zugangsnummer:
NM_000260

GeneID (NCBI):
4647

Vollständiger Name:
myosin VIIA

Berechneté Masse:
254 kDa

Beobachteté Masse:
160-255 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:2400
IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:
IF, WB, ELISA

In Publikationen genannte Anwendungen:
IF, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human, Zebrafisch

Positivkontrollen:

WB : L02-Zellen, A431-Zellen

IF : HepG2-Zellen,

Hintergrundinformationen

MYO7A, also named a USH1B, is one of myosins protein which are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to membranous compartments, which would be moved relative to actin filaments. In retina, MYO7A might play a role in trafficking of ribbon-synaptic vesicle complexes and renewal of the outer photoreceptors disks. In inner ear, it might maintain the rigidity of stereocilia during the dynamic movements of the bundle. It is involved in hair-cell vesicle trafficking of aminoglycosides, which are known to induce ototoxicity. Defects in MYO7A are the cause of Usher syndrome type 1B (USH1B). Defects in MYO7A are the cause of deafness autosomal recessive type 2 (DFNB2). Defects in MYO7A are the cause of deafness autosomal dominant type 11 (DFNA11). The antibody is specific to MYO7A.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Samaneh Matoo	34473561	Mol Biol Cell	WB,IF
Xiang Chen	34829928	Biomedicines	IF
Sevda Pouraghaei	33455314	ACS Biomater Sci Eng	IF

Lagerung

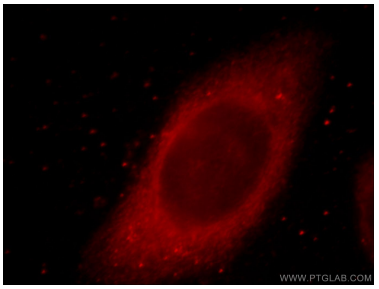
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

*** 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
W: ptglab.com

Ausgewählte Validierungsdaten

L02 cells were subjected to SDS PAGE followed by western blot with 20720-1-AP (MYO7A antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using MYO7A antibody 20720-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).