

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MYO7A



Numéro de catalogue: 20720-1-AP

3 Publications

Informations de base

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| Numéro de catalogue: 20720-1-AP | Numéro d'acquisition GenBank: NM_000260 | Méthode de purification: Purification par affinité contre l'antigène |
| Taille: 150ul, Concentration: 300 µg/ml by Nanodrop and 287 µg/ml by Bradford method using BSA as the standard; | Identification du gène (NCBI): 4647 | Dilutions recommandées: WB 1:500-1:1000 IF 1:10-1:100 |
| Hôte: Lapin | Nom complet: myosin VIIA | |
| Isotype: IgG | MW calculé: 254 kDa | |
| | MW observés: 160-255 kDa | |

Applications

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| Applications testées: IF, WB, ELISA | Contrôles positifs: WB : cellules L02, cellules A431 |
| Demandes citées: IF, WB | IF : cellules HepG2, |
| Spécificité de l'espèce: Humain, rat, souris | |
| Espèces citées: Humain, poisson-zèbre | |

Informations générales

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.

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|------------------|-----------|----------------------|-------------|
| Samaneh Matoo | 34473561 | Mol Biol Cell | WB,IF |
| Xiang Chen | 34829928 | Biomedicines | IF |
| Sevda Pouraghaei | 33455314 | ACS Biomater Sci Eng | IF |

Stockage

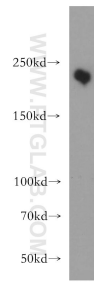
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

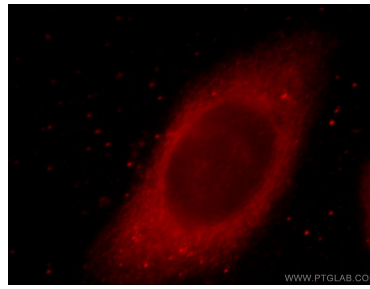
For technical support and original validation data for this product please contact:
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Données de validation sélectionnées



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).