

## MYO7A (11M17) Rabbit Monoclonal Antibody



产品详情

产品货号	产品名称	储存条件	保质期
IM35920	MYO7A (11M17) Rabbit Monoclonal Antibody	-20°C	1 年

## 产品概述:

产品货号	IM35920
别名	DFNA11; DFNB2; Myo7a; MYU7A; NSRD2; Ush1b;
产品名称	MYO7A (11M17) Rabbit Monoclonal Antibody
纯度	Affinity-chromatography
类别	抗体产品
基因名称	MYO7A
蛋白名称	USH1B
推荐应用	WB, IF-ICC, FCM
反应种属	Human, Mouse, Rat
存储缓冲液	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.
Human Gene ID	4647
Human Swissprot No.	Q13402
稀释度	WB 1:1000-1:2000, IF-ICC 1:50-1:200, FCM 1:20-1:100

参考分子量	254kDa
预测分子量	254kDa
宿主	Rabbit
同种型	IgG
注意事项	MY07A Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
组织表达	Expressed in the pigment epithelium and the photoreceptor cells of the retina. Also found in kidney, liver, testis, cochlea, lymphocytes. Not expressed in brain
细胞定位	Cytoplasm {ECO:0000250 UniProtKB:P97479}. Cytoplasm, cell cortex {ECO:0000250 UniProtKB:P97479}. Cytoplasm, cytoskeleton {ECO:0000250 UniProtKB:P97479}. Cell junction, synapse. Note=In the photoreceptor cells, mainly localized in the inner and base of outer segments as well as in the synaptic ending region (PubMed:8842737). In retinal pigment epithelial cells colocalizes with a subset of melanosomes, displays predominant localization to stress fiber-like structures and some localization to cytoplasmic puncta (PubMed:19643958, PubMed:27331610). Detected at the tip of cochlear hair cell stereocilia (PubMed:21709241). The complex formed by MY07A, USH1C and USH1G colocalizes with F-actin (PubMed:21709241).
功能	Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails bind to membranous compartments, which are then moved relative to actin filaments. In the retina, plays an important role in the renewal of the outer photoreceptor disks. Plays an important role in the distribution and migration of retinal pigment epithelial (RPE) melanosomes and phagosomes, and in the

<p style="text-align: center;"><b>功能</b></p>	<p>regulation of opsin transport in retinal photoreceptors. In the inner ear, plays an important role in differentiation, morphogenesis and organization of cochlear hair cell bundles. Involved in hair-cell vesicle trafficking of aminoglycosides, which are known to induce ototoxicity (By similarity). Motor protein that is a part of the functional network formed by USH1C, USH1G, CDH23 and MYO7A that mediates mechanotransduction in cochlear hair cells. Required for normal hearing.</p>
<p style="text-align: center;"><b>Clonality</b></p>	<p>Monoclonal</p>

**注意事项:**

1. 我司生产的生化试剂如无特殊标注，基本为非无菌包装，若用于细胞实验，请提前做好预处理。需低温保存的产品，一旦配成溶液，请分装保存，避免反复冻融造成的产品失效。
2. 本产品仅限于专业人员的科学研究用，不得用于临床诊断或治疗，不得用于食品或药品，不得存放于普通住宅内。
3. 为了您的安全和健康，请穿实验服并戴一次性手套操作。
4. 实验结果受多种因素影响，相关处理仅限于产品本身，不涉及其他赔偿。

免责声明: 所有产品仅用作科学研究, 不得用于其他用途! 本公司将不为任何不正常使用此产品时所发生的意外负责。

**北京伊事达科技有限公司**

电话: 13564444959

官网: [www.followme-shop.com](http://www.followme-shop.com)

地址: 北京市海淀区东北旺西路58号尚科办公社区C区一楼  
第 3 页 共 3 页



公众号



客服