

产品名称: MYO15 Rabbit Polyclonal Antibody

产品货号: APRab14319

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	IHC, ICC/IF
种属反应(Reactivity)	Human, Mouse
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液(Buffer)	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
纯化 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	IHC 1:50-1:300, ICC/IF 1:50-1:200
分子量(Molecular Weight)	388kDa

抗原信息(Antigen Information)

基因名(Gene Name)	MYO15A
别名(Alternative Names)	MYO15A
基因 ID(Gene ID)	51168.0
SwissProt ID	Q9UKN7
免疫原(Immunogen)	Synthesized peptide derived from human protein . at AA range: 2990-3070

研究背景 (Background)

This gene encodes an unconventional myosin. This protein differs from other myosins in that it has a long N-terminal extension preceding the conserved motor domain. Studies in mice suggest that this protein is necessary for actin organization in the hair cells of the cochlea. Mutations in this gene have been associated with profound, congenital, neurosensory, nonsyndromal deafness. This gene is located within the Smith-Magenis syndrome region on chromosome 17. Read-through transcripts

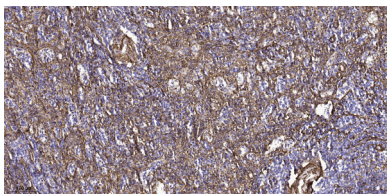
containing an upstream gene and this gene have been identified, but they are not thought to encode a fusion protein. Several alternatively spliced transcript variants have been described, but their full length sequences have not been determined. [provided by RefSeq, Jul 2008],disease:Defects in MYO15A are the cause of non-syndromic sensorineural deafness autosomal recessive type 3 (DFNB3) [MIM:600316]. DFNB3 is a form of sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information.,function:Myosins 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. Required for the arrangement of stereocilia in mature hair bundles.,similarity:Contains 1 FERM domain.,similarity:Contains 1 myosin head-like domain.,similarity:Contains 1 SH3 domain.,similarity:Contains 2 MyTH4 domains.,similarity:Contains 3 IQ domains.,subcellular location:Localizes to stereocilium tips in cochlear and vestibular hair cells.,subunit:Interacts with the third PDZ domain of WHRN which is necessary for localization of WHRN to stereocilium tips.,tissue specificity:Highly expressed in pituitary. Also expressed at lower levels in adult brain, kidney, liver, lung, pancreas, placenta and skeletal muscle. Not expressed in brain. In the pituitary, highly expressed in anterior gland cells.,

研究领域 (Research Area)

注意事项 (Note)

For research use only.

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human spleen tissue. 1,MYO15 Rabbit Polyclonal Antibody was diluted at 1:200 (4° overnight) . 2, Sodium citrate pH 6.0 was used for antigen retrieval (>98°C,20min) . 3,Secondary antibody was diluted at 1:200.

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产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

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