

产品名称: Myotubularin Rabbit Polyclonal Antibody

产品货号: APRab14349

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,IHC
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, 0.5% protective protein and 0.02% New type preservative N.
纯化 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
分子量(Molecular Weight)	70kDa

抗原信息(Antigen Information)

基因名(Gene Name)	MTM1
别名(Alternative Names)	MTM1; CG2; Myotubularin
基因 ID(Gene ID)	4534.0
SwissProt ID	Q13496
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human Myotubularin. AA range:241-290

研究背景 (Background)

This gene encodes a dual-specificity phosphatase that acts on both phosphotyrosine and phosphoserine. It is required for muscle cell differentiation and mutations in this gene have been identified as being responsible for X-linked myotubular

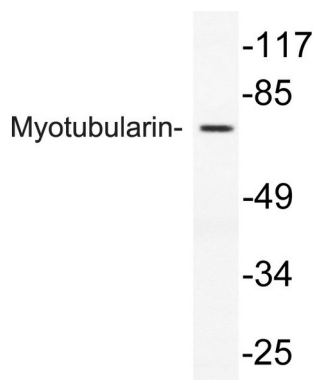
myopathy. [provided by RefSeq, Jul 2008],catalytic activity:Protein tyrosine phosphate + H(2)O = protein tyrosine + phosphate.,caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,disease:Defects in MTM1 are the cause of X-linked centronuclear myopathy X-linked (XCNM) [MIM:310400]; also known as X-linked myotubular myopathy (XLMTM) or myotubular myopathy type 1 (MTM1). Centronuclear myopathies are congenital muscle disorders characterized by progressive muscular weakness and wasting involving mainly limb girdle, trunk, and neck muscles. It may also affect distal muscles. Weakness may be present during childhood or adolescence or may not become evident until the third decade of life. Ptosis is a frequent clinical feature. The most prominent histopathologic features include high frequency of centrally located nuclei in muscle fibers not secondary to regeneration, radial arrangement of sarcoplasmic strands around the central nuclei, and predominance and hypotrophy of type 1 fibers.,function:Dual-specificity phosphatase that acts on both phosphotyrosine and phosphoserine. Could be involved in a signal transduction pathway necessary for late myogenesis, although its ubiquitous expression suggests a wider function.,similarity:Belongs to the protein-tyrosine phosphatase family. Non-receptor class myotubularin subfamily.,similarity:Contains 1 GRAM domain.,similarity:Contains 1 myotubularin phosphatase domain.,

研究领域 (Research Area)

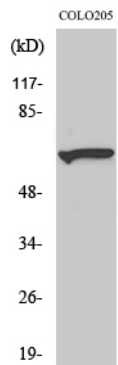
注意事项 (Note)

For research use only.

图片 (Image Data)



Western blot analysis of lysate from COLO205 cells, using Myotubularin antibody.



Western Blot analysis of various cells using Myotubularin Polyclonal Antibody diluted at 1: 500

EnkiLife 优势产品推荐

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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