

产品名称: Puratrophin 1 Rabbit Polyclonal Antibody

产品货号: APRab16698

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,IHC,ICC/IF,ELISA
种属反应(Reactivity)	Human,Monkey
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 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
分子量(Molecular Weight)	135kDa

抗原信息(Antigen Information)

基因名(Gene Name)	PLEKHG4
别名(Alternative Names)	PLEKHG4; PRTPHN1; Puratrophin-1; Pleckstrin homology domain-containing family G member 4; PH domain-containing family G member 4; Purkinje cell atrophy-associated protein 1
基因 ID(Gene ID)	25894.0
SwissProt ID	Q58EX7
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human PLEKHG4. AA range:654-703

研究背景 (Background)

The protein encoded by this gene can function as a guanine nucleotide exchange factor (GEF) and may play a role in intracellular signaling and cytoskeleton dynamics at the Golgi apparatus. Polymorphisms in the region of this gene have been found to be associated with spinocerebellar ataxia in some study populations. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015],disease:Defects in PLEKHG4 are the cause of spinocerebellar ataxia 16q22-linked (SCA16q22) [MIM:117210]; also known as pure spinocerebellar ataxia Japanese type or SCA4 pure Japanese type. Spinocerebellar ataxia is a clinically and genetically heterogeneous group of cerebellar disorders. Patients show progressive incoordination of gait and often poor coordination of hands, speech and eye movements, due to degeneration of the cerebellum with variable involvement of the brainstem and spinal cord. SCA16q22 belongs to the autosomal dominant cerebellar ataxias type III (ADCA III) which are characterized by pure cerebellar ataxia without additional signs.,function:Possible role in intracellular signaling and cytoskeleton dynamics at the Golgi.,similarity:Contains 1 DH (DBL-homology) domain.,similarity:Contains 1 PH domain.,tissue specificity:Expressed in kidney, Leydig cells in the testis, epithelial cells in the prostate gland and Langerhans islet in the pancreas. Isoform 1 and isoform 3 are strongly expressed in Purkinje cells and to a lower extent in other neurons (at protein level). Widely expressed at low levels. More strongly expressed in testis and pancreas.,

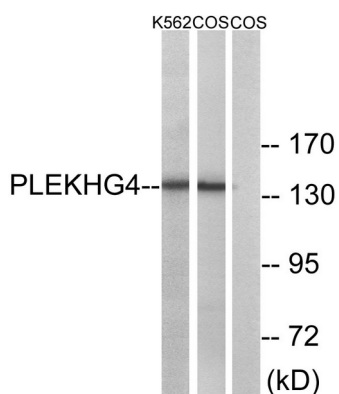
研究领域 (Research Area)

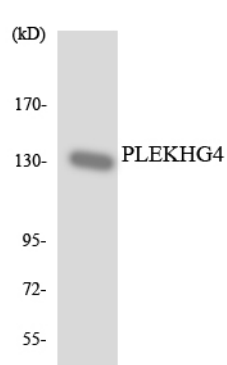
Neuroscience; Neurology process; Neurodegenerative disease

注意事项 (Note)

For research use only.

图片 (Image Data)





Western blot analysis of the lysates from HUVEC cells using PLEKHG4 antibody.

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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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