

产品名称: MFRP Rabbit Polyclonal Antibody
产品货号: APRab13851



产品概述 (Summary)

产品名称 (Production Name)	MFRP Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (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.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MFRP
别名 (Alternative Names)	Membrane frizzled-related protein (Membrane-type frizzled-related protein)
基因 ID (Gene ID)	114902.0
蛋白 ID (SwissProt ID)	Q9BY79.Synthesized peptide derived from human MFRP

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:200,ICC/IF 1:50-1:200
蛋白分子量 (Molecular Weight)	62kDa

研究背景 (Background)

membrane frizzled-related protein(MFRP) Homo sapiens This gene encodes a member of the frizzled-related protein

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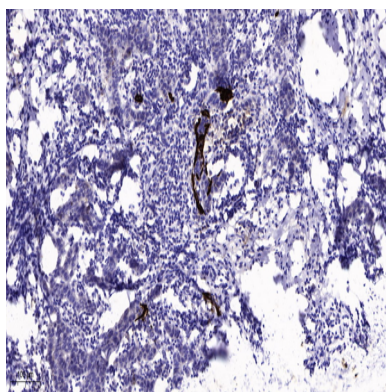


family. The encoded protein plays an important role in eye development and mutations in this gene have been associated with nanophthalmos, posterior microphthalmia, retinitis pigmentosa, foveoschisis, and optic disc drusen. The protein is encoded by a bicistronic transcript which also encodes C1q and tumor necrosis factor related protein 5 (C1QTNF5). [provided by RefSeq, Jun 2013],developmental stage:Expressed in fetal brain.,disease:Defects in C1QTNF5 are a cause of late-onset retinal degeneration (LORD) [MIM:605670]. LORD is an autosomal dominant disorder characterized by onset in the fifth to sixth decade with night blindness and punctate yellow-white deposits in the retinal fundus, progressing to severe central and peripheral degeneration, with choroidal neovascularization and chorioretinal atrophy.,disease:Defects in MFRP are the cause of microphthalmia MFRP-related (MCOPMFRP) [MIM:611040]. Microphthalmia is a clinically heterogeneous disorder of eye formation, ranging from small size of a single eye to complete bilateral absence of ocular tissues. Ocular abnormalities like opacities of the cornea and lens, scarring of the retina and choroid, cataract and other abnormalities like cataract may also be present. MCOPMFRP is characterized by posterior microphthalmia, retinitis pigmentosa, foveoschisis and optic disc drusen.,disease:Defects in MFRP are the cause of nanophthalmos 2 (NNO2) [MIM:609549]. NNO2 is a rare autosomal recessive disorder of eye development characterized by extreme hyperopia and small functional eyes.,function:May play a role in eye development.,similarity:Contains 1 C1q domain.,similarity:Contains 1 collagen-like domain.,similarity:Contains 1 FZ (frizzled) domain.,similarity:Contains 2 CUB domains.,similarity:Contains 2 LDL-receptor class A domains.,tissue specificity:Specifically expressed in brain. Strongly expressed in medulla oblongata and to a lower extent in hippocampus and corpus callosum. Expressed in keratinocytes.,

研究领域 (Research Area)

Neuroscience; Sensory System; Visual system

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human Breast cancer. 1, Antibody was diluted at 1:200 (4° overnight) . 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min) .

注意事项 (Note)

For research use only .

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