Product Name: MFRP Rabbit Polyclonal Antibody
Catalog #: APRab13851

Summary

Production Name	MFRP Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

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

Application

Dilution Ratio	IHC 1:50-200
Molecular Weight	62kD

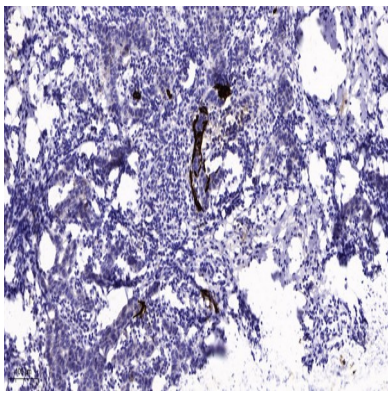
Background

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

Research Area

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）.

Note

For research use only.

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