MFRP Rabbit pAb

CatalogNo: YT6216

Key Features

Host Species	Reactivity	Applications
• Rabbit	• Human,Mouse	• IHC,IF,WB

MW	Isotype
• 62kD (Observed)	• IgG

Recommended Dilution Ratios

IHC 1:50-200
WB 1:500-2000
IF 1:50-200

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

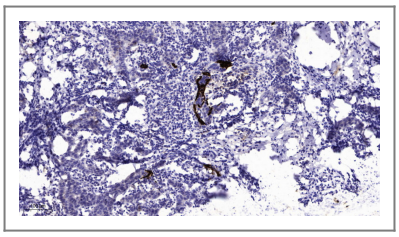
Immunogen	Synthesized peptide derived from human MFRP
Specificity	This antibody detects endogenous levels of human MFRP

Target Information

Gene name	MFRP

Protein Name	MFRP		
	Organism	**Gene ID**	**UniProt ID**
	Human	114902;	Q9BY79;
Cellular Localization	Apical cell membrane ; Single-pass type II membrane protein .		
Tissue specificity	Specifically expressed in brain. Strongly expressed in medulla oblongata and to a lower extent in hippocampus and corpus callosum. Expressed in keratinocytes.		
Function	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.,		

Validation 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).

Contact information

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Please scan the QR code to access additional product information:
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