

产品名称: AQP0 Rabbit Polyclonal Antibody
产品货号: APRab07064



产品概述 (Summary)

产品名称 (Production Name)	AQP0 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

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)	MIP
别名 (Alternative Names)	MIP; AQP0; Lens fiber major intrinsic protein; Aquaporin-0; MIP26; MP26
基因 ID (Gene ID)	4284.0
蛋白 ID (SwissProt ID)	P30301.The antiserum was produced against synthesized peptide derived from human AQP0. AA range:95-144

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 1:5000-1:10000
蛋白分子量 (Molecular Weight)	28kDa

研究背景 (Background)

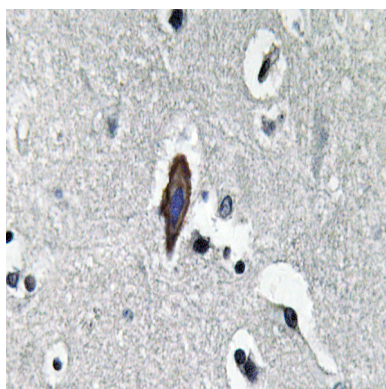
产品名称: AQP0 Rabbit Polyclonal Antibody
产品货号: AP Rab07064



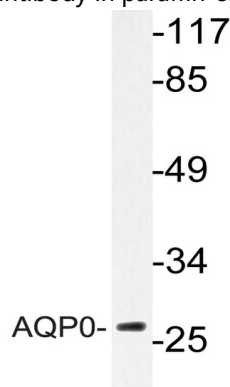
Major intrinsic protein is a member of the water-transporting aquaporins as well as the original member of the MIP family of channel proteins. The function of the fiber cell membrane protein encoded by this gene is undetermined, yet this protein is speculated to play a role in intracellular communication. The MIP protein is expressed in the ocular lens and is required for correct lens function. This gene has been mapped among aquaporins AQP2, AQP5, and AQP6, in a potential gene cluster at 12q13. [provided by RefSeq, Jul 2008],disease:Defects in MIP are a cause of autosomal recessive congenital cataract [MIM:154050],.domain:Aquaporins contain two tandem repeats each containing three membrane-spanning domains and a pore-forming loop with the signature motif Asn-Pro-Ala (NPA),.function:Water channel. May be responsible for regulating the osmolarity of the lens.,similarity:Belongs to the MIP/aquaporin (TC 1.A.8) family.,tissue specificity:Major component of lens fiber gap junctions.,

研究领域 (Research Area)

图片 (Image Data)



Immunohistochemistry analysis of AQP0 antibody in paraffin-embedded human brain tissue.



Western blot analysis of lysate from HT-29 cells, using AQP0 antibody.

产品名称: AQP0 Rabbit Polyclonal Antibody
产品货号: APRab07064



Western Blot analysis of various cells using AQP0 Polyclonal Antibody

注意事项 (Note)

For research use only .