

产品名称: AQP4 Rabbit Polyclonal Antibody
产品货号: APRab07072



产品概述 (Summary)

产品名称 (Production Name)	AQP4 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)	AQP4
别名 (Alternative Names)	AQP4; Aquaporin-4; AQP-4; Mercurial-insensitive water channel; MIWC; WCH4
基因 ID (Gene ID)	361.0
蛋白 ID (SwissProt ID)	P55087.The antiserum was produced against synthesized peptide derived from human AQP4. AA range:204-253

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)	35kDa

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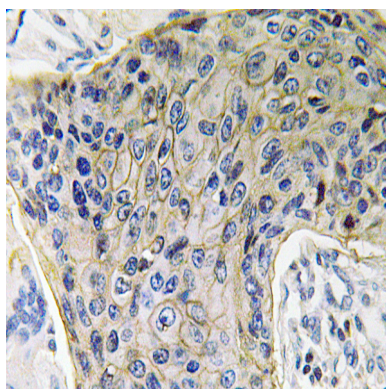
研究背景 (Background)

This gene encodes a member of the aquaporin family of intrinsic membrane proteins that function as water-selective channels in the plasma membranes of many cells. This protein is the predominant aquaporin found in brain and has an important role in brain water homeostasis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. A recent study provided evidence for translational readthrough in this gene and expression of an additional C-terminally extended isoform via the use of an alternative in-frame translation termination codon. [provided by RefSeq, Dec 2015], 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: Forms a water-specific channel. Osmoreceptor which regulates body water balance and mediates water flow within the central nervous system., similarity: Belongs to the MIP/aquaporin (TC 1.A.8) family., tissue specificity: Brain - muscle >> heart, kidney, lung, and trachea.,

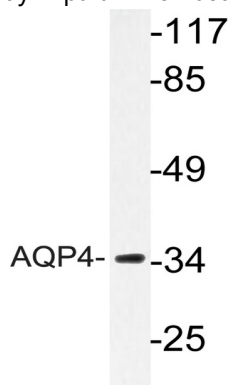
研究领域 (Research Area)

Signal Transduction; Metabolism; Plasma Membrane; Channels; Neuroscience; Processes

图片 (Image Data)

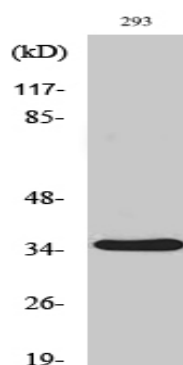


Immunohistochemistry analysis of AQP4 antibody in paraffin-embedded human lung carcinoma tissue.



Western blot analysis of lysate from 293 cells, using AQP4 antibody.

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Western Blot analysis of various cells using AQP4 Polyclonal Antibody

注意事项 (Note)

For research use only .