

产品名称: ARHGEF9 Rabbit Polyclonal Antibody
产品货号: APRab07130



产品概述 (Summary)

产品名称 (Production Name)	ARHGEF9 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	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)	ARHGEF9
别名 (Alternative Names)	ARHGEF9; ARHDH9; KIAA0424; Rho guanine nucleotide exchange factor 9; Collybistin; PEM-2 homolog; Rac/Cdc42 guanine nucleotide exchange factor 9
基因 ID (Gene ID)	23229.0
蛋白 ID (SwissProt ID)	O43307. The antiserum was produced against synthesized peptide derived from human ARHGEF9. AA range: 399-448

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	

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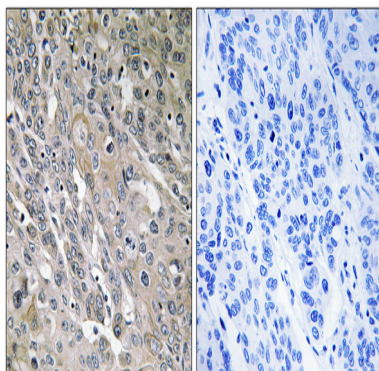
研究背景 (Background)

The protein encoded by this gene is a Rho-like GTPase that switches between the active (GTP-bound) state and inactive (GDP-bound) state to regulate CDC42 and other genes. Defects in this gene are a cause of startle disease with epilepsy (STHEE), also known as hyperekplexia with epilepsy. Three transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2010],disease:Defects in ARHGEF9 are a cause of startle disease with epilepsy (STHEE) [MIM:300607]; also known as hyperekplexia with epilepsy. Startle disease is a genetically heterogeneous neurologic disorder. STHE is characterized by muscular rigidity of central nervous system origin, particularly in the neonatal period, and by an exaggerated startle response to unexpected acoustic or tactile stimuli.,function:Acts as guanine nucleotide exchange factor (GEF) for CDC42. Promotes formation of GPHN clusters.,similarity:Contains 1 DH (DBL-homology) domain.,similarity:Contains 1 PH domain.,similarity:Contains 1 SH3 domain.,subunit:Interacts with GPHN.,tissue specificity:Detected in brain. Detected at low levels in heart.,

研究领域 (Research Area)

Regulation of Actin Dynamics; AMPK

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using ARHGEF9 Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

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