

产品名称: RGMA Rabbit Monoclonal Antibody
产品货号: AMRe84676



产品概述 (Summary)

产品名称 (Production Name)	RGMA Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC
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)	Monoclonal
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)	Purified antibody in PBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	RGMA
别名 (Alternative Names)	Repulsive guidance molecule A; RGM; RGM domain family member A; RGMA;; Repulsive guidance molecule A
基因 ID (Gene ID)	
蛋白 ID (SwissProt ID)	Q96B86.A synthesized peptide derived from human Repulsive guidance molecule A

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:2000, ICC 1:50-1:200
蛋白分子量 (Molecular Weight)	Calculated MW: 49 kDa ; Observed MW: 37 kDa

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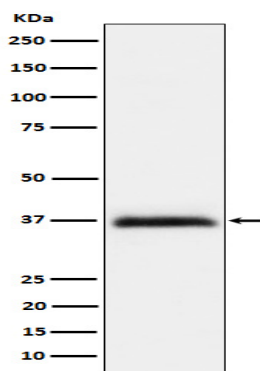


研究背景 (Background)

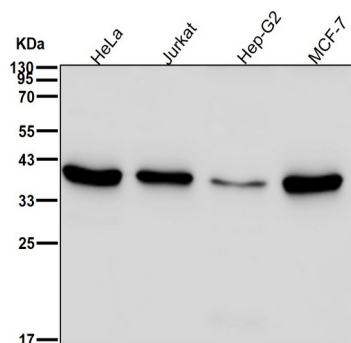
Member of the repulsive guidance molecule (RGM) family that performs several functions in the developing and adult nervous system. Regulates cephalic neural tube closure, inhibits neurite outgrowth and cortical neuron branching, and the formation of mature synapses. Binding to its receptor NEO1/neogenin induces activation of RHOA-ROCK1/Rho-kinase signaling pathway through UNC5B-ARHGEF12/LARG-PTK2/FAK1 cascade, leading to collapse of the neuronal growth cone and neurite outgrowth inhibition.

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of RGMA expression in HeLa cell lysate.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

注意事项 (Note)

For research use only .