

产品名称: BRG1 Rabbit Monoclonal Antibody
产品货号: AMRe87742



产品概述 (Summary)

产品名称 (Production Name)	BRG1 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC,IP
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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	BRG1
别名 (Alternative Names)	Brg1; SW1/SNF; HP1-BP72; SNF2beta; b2b692Clo; b2b508.1Clo
基因 ID (Gene ID)	20586
蛋白 ID (SwissProt ID)	Q3TKT4.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:2000-1:20000,IHC 1:100-1:200,ICC/IF 1:200-1:500,FC 1:100-1:200,IP 1:10-1:100
蛋白分子量 (Molecular Weight)	Calculated MW:185 kDa; Observed MW:220 kDa

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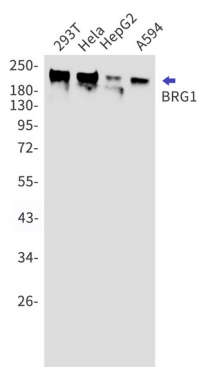


研究背景 (Background)

Transcriptional coactivator cooperating with nuclear hormone receptors to potentiate transcriptional activation. Component of the CREST-BRG1 complex, a multiprotein complex that regulates promoter activation by orchestrating a calcium-dependent release of a repressor complex and a recruitment of an activator complex. In resting neurons, transcription of the c-FOS promoter is inhibited by BRG1-dependent recruitment of a phospho-RB1-HDAC repressor complex. Upon calcium influx, RB1 is dephosphorylated by calcineurin, which leads to release of the repressor complex. At the same time, there is increased recruitment of CREBBP to the promoter by a CREST-dependent mechanism, which leads to transcriptional activation. The CREST-BRG1 complex also binds to the NR2B promoter, and activity-dependent induction of NR2B expression involves a release of HDAC1 and recruitment of CREBBP (By similarity).

研究领域 (Research Area)

图片 (Image Data)



Western blot detection of BRG1 in 293T, HeLa, HepG2, A594 cell lysates using BRG1 antibody (1:1000 diluted).

注意事项 (Note)

For research use only .