



CREST rabbit pAb

货号	BYab-33130
同位型	IgG
应用	WB
种属	Human;Mouse;Rat
靶点	SS18L1
基因名称	SS18L1 CREST KIAA0693
蛋白名称	Calcium-responsive transactivator (SS18-like protein 1) (SYT homolog 1)
免疫原	Synthesized peptide derived from human CREST
特异性	This antibody detects endogenous levels of CREST at Human, Mouse,Rat
组成	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
来源	Polyclonal, Rabbit,IgG
稀释	WB 1:500-2000
纯化工艺	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
分子量	44kD
功能	Transcriptional activator which is required for calcium-dependent dendritic growth and branching in cortical neurons. Recruits CREB-binding protein (CREBBP) to nuclear bodies. 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-HDAC1 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
细胞定位	Nucleus . Chromosome, centromere, kinetochore . Localizes to nuclear bodies. Colocalizes with SGO1 at kinetochore (By similarity). .
组织表达	Ubiquitous; with lowest levels in spleen.
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)

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有关注意事项

Avoid repeated freezing and thawing!

使用建议

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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网址: www.njbybio.com

官方热线: 025-5229-8998

监督电话: 15950492658