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CNAP1 Rabbit mAb

货号: AYM29788

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	150kDa
实测分子量	150kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,293T,Mouse thymus
细胞定位	condensed nuclear chromosome,cytoplasm,cytosol,nucleoplasm,nucleus
纯化	Affinity purification

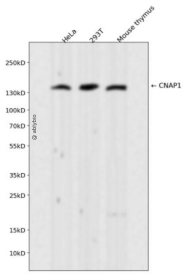
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human CNAP1.
序列	LDDTTLSGSDRNAHLNALKMNCYALIRLLESFETMASQTNLVDLDLGGKGKKARTKAAHGFDWEEERQPILQLLTQLLQL DIRHLWNHSIIEEEFVSLVTG

靶点信息

研究背景	Regulatory subunit of the condensin complex, a complex required for conversion of interphase chromatin into mitotic-like condense chromosomes. The condensin complex probably introduces positive supercoils into relaxed DNA in the presence of type I topoisomerases and converts nicked DNA into positive knotted forms in the presence of type II topoisomerases. May target the condensin complex to DNA via its C-termi nal domain. May promote the resolution of double-strand DNA catenanes (intertwines between sister chro matids. Condensin-mediated compaction likely increases tension in catenated sister chromatids, providin g directionality for type II topoisomerase-mediated strand exchanges toward chromatid decatenation. Re quired for decatenation of non-centromeric ultrafine DNA bridges during anaphase. Early in neurogenesis, may play an essential role to ensure accurate mitotic chromosome condensation in neuron stem cells, ulti mately affecting neuron pool and cortex size.
基因**ID**	9918
基因名	NCAPD2
Swiss	Q15021
别名	NCAPD2; CAP-D2; CNAP1; hCAP-D2; condensin complex subunit 1

产品验证



Western blot analysis of CNAP1 expressed in HeLa,293T,Mouse thymus using CNAP1 Rabbit mAb at 1:1 000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. B locking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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