

产品名称: NCAPH2 Rabbit Monoclonal Antibody
产品货号: AMRe02306



产品概述 (Summary)

产品名称 (Production Name)	NCAPH2 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,IP
种属反应性 (Reactivity)	Human

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)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	NCAPH2
别名 (Alternative Names)	CAPH2
基因 ID (Gene ID)	29781
蛋白 ID (SwissProt ID)	Q6IBW4.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 68 kDa; Observed MW: 68 kDa

研究背景 (Background)

Regulatory subunit of the condensin-2 complex, a complex that seems to provide chromosomes with an additional level of

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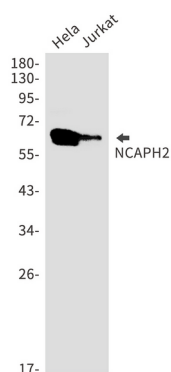


organization and rigidity and in establishing mitotic chromosome architecture (PubMed:14532007). May promote the resolution of double-strand DNA catenanes (intertwines) between sister chromatids. Condensin-mediated compaction likely increases tension in catenated sister chromatids, providing directionality for type II topoisomerase-mediated strand exchanges toward chromatid decatenation. Required for decatenation of chromatin bridges at anaphase. Early in neurogenesis, may play an essential role to ensure accurate mitotic chromosome condensation in neuron stem cells, ultimately affecting neuron pool and cortex size . Seems to have lineage-specific role in T-cell development (PubMed:14532007).

研究领域 (Research Area)

Cell Biology

图片 (Image Data)



Western blot analysis of NCAPH2 in HeLa, Jurkat lysates using NCAPH2 antibody.

注意事项 (Note)

For research use only .