

产品名称: NEK9 Rabbit Monoclonal Antibody
产品货号: AMRe85847



产品概述 (Summary)

产品名称 (Production Name)	NEK9 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC
种属反应性 (Reactivity)	Human,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 TBS 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)	NEK9
别名 (Alternative Names)	NC; APUG; NERCC; LCCS10; NERCC1
基因 ID (Gene ID)	91754.0
蛋白 ID (SwissProt ID)	Q8TD19.A synthetic peptide of human NEK9

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200
蛋白分子量 (Molecular Weight)	Calculated MW: 107 kDa; Observed MW: 107 kDa

研究背景 (Background)

Pleiotropic regulator of mitotic progression, participating in the control of spindle dynamics and chromosome separation.

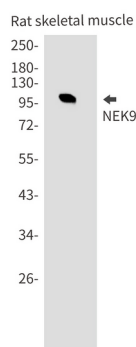
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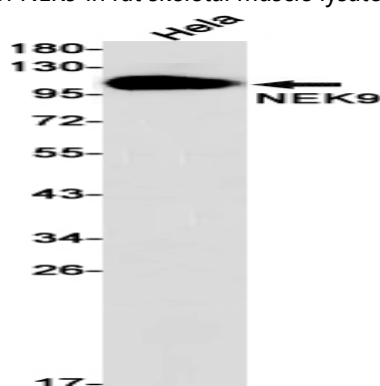
Phosphorylates different histones, myelin basic protein, beta-casein, and BICD2. Phosphorylates histone H3 on serine and threonine residues and beta-casein on serine residues. Important for G1/S transition and S phase progression. Phosphorylates NEK6 and NEK7 and stimulates their activity by releasing the autoinhibitory functions of Tyr-108 and Tyr-97 respectively.

研究领域 (Research Area)

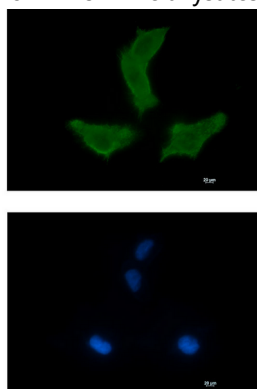
图片 (Image Data)



Western blot analysis of NEK9 in rat skeletal muscle lysates using NEK9 antibody.



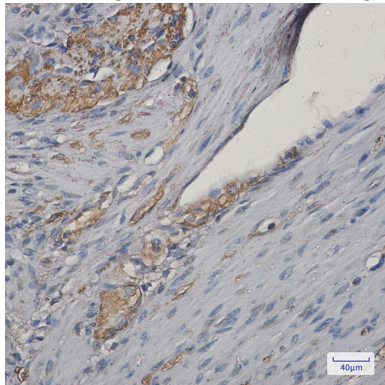
Western blot analysis of NEK9 in HeLa lysates using NEK9 antibody



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Immunocytochemistry analysis of NEK9 (green) in HT-1080 using NEK9 antibody, and DAPI (blue).



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using NEK9 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .