

产品名称: ANKT Rabbit Polyclonal Antibody
产品货号: APRab06907



产品概述 (Summary)

产品名称 (Production Name)	ANKT Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	NUSAP1
别名 (Alternative Names)	NUSAP1; ANKT; BM-037; Nucleolar and spindle-associated protein 1; NuSAP
基因 ID (Gene ID)	51203.0
蛋白 ID (SwissProt ID)	Q9BXS6.The antiserum was produced against synthesized peptide derived from human NUSAP1. AA range:392-441

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	49kDa

研究背景 (Background)

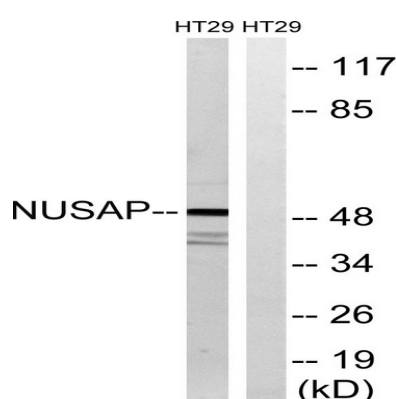
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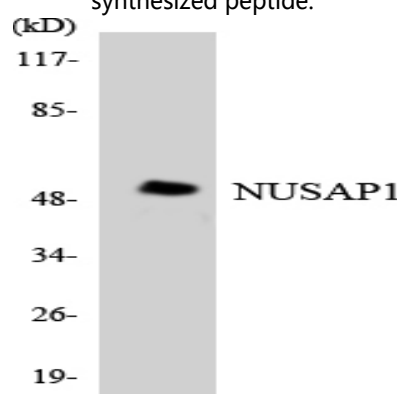
NUSAP1 is a nucleolar-spindle-associated protein that plays a role in spindle microtubule organization (Raemaekers et al., 2003 [PubMed 12963707]).[supplied by OMIM, Jun 2009],domain:The KEN box is required for the FZR1-dependent degradation of this protein subsequent to ubiquitination.,function:Microtubule-associated protein with the capacity to bundle and stabilize microtubules (By similarity). May associate with chromosomes and promote the organization of mitotic spindle microtubules around them.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,PTM:Ubiquitinated. Ubiquitination by FZR1 may lead to proteasome-dependent degradation of this protein.,similarity:Belongs to the NUSAP family.,subcellular location:Found in the cytoplasm and nucleolus during interphase and redistributes to the mitotic spindle in prometaphase (By similarity). Localizes to the mitotic spindle during anaphase and telophase then disappears from around the chromosomes during cytokinesis (By similarity). Localizes to multiple distinct regions of chromosomes throughout mitosis.,subunit:Interacts with DNA and microtubules. Microtubule bundling is inhibited by IPO7, KPNA2 and KPNB1 while association with DNA is also inhibited by IPO7 and KPNA2.,

研究领域 (Research Area)

图片 (Image Data)

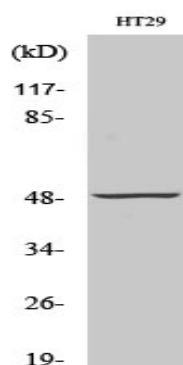


Western blot analysis of lysates from HT-29 cells, using NUSAP1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using NUSAP1 antibody.

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Western Blot analysis of various cells using ANKT Polyclonal Antibody

注意事项 (Note)

For research use only .