

产品名称: hnRNP A1 Rabbit Polyclonal Antibody
产品货号: AP Rab12136



产品概述 (Summary)

产品名称 (Production Name)	hnRNP A1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

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)	HNRNPA1 HNRNPA1; HNRPA1; Heterogeneous nuclear ribonucleoprotein A1; hnRNP
别名 (Alternative Names)	A1; Helix-destabilizing protein; Single-strand RNA-binding protein; hnRNP core protein A1
基因 ID (Gene ID)	3178.0
蛋白 ID (SwissProt ID)	P09651.The antiserum was produced against synthesized peptide derived from human hnRNP A1. AA range:51-100

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	33kDa

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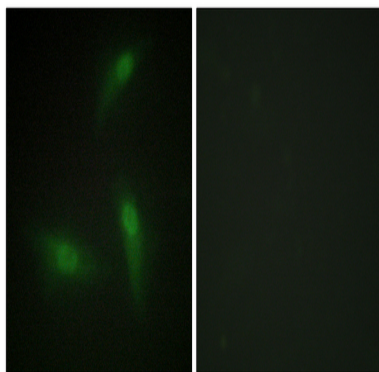
研究背景 (Background)

This gene encodes a member of a family of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs), which are RNA-binding proteins that associate with pre-mRNAs in the nucleus and influence pre-mRNA processing, as well as other aspects of mRNA metabolism and transport. The protein encoded by this gene is one of the most abundant core proteins of hnRNP complexes and plays a key role in the regulation of alternative splicing. Mutations in this gene have been observed in individuals with amyotrophic lateral sclerosis 20. Multiple alternatively spliced transcript variants have been found. There are numerous pseudogenes of this gene distributed throughout the genome. [provided by RefSeq, Feb 2016],function:Involved in the packaging of pre-mRNA into hnRNP particles, transport of poly(A) mRNA from the nucleus to the cytoplasm and may modulate splice site selection.,PTM:Arg-194, Arg-206 and Arg-225 are dimethylated, probably to asymmetric dimethylarginine.,similarity:Contains 2 RRM (RNA recognition motif) domains.,subcellular location:Shuttles continuously between the nucleus and the cytoplasm along with mRNA. Component of ribonucleosomes.,subunit:Identified in the spliceosome C complex, at least composed of AQR, ASCC3L1, C19orf29, CDC40, CDC5L, CRNKL1, DDX23, DDX41, DDX48, DDX5, DGCR14, DHX35, DHX38, DHX8, EFTUD2, FRG1, GPATC1, HNRNPA1, HNRNPA2B1, HNRPA3, HNRNPC, HNRPF, HNRPH1, HNRPK, HNRPM, HNRNPR, HNRNPU, KIAA1160, KIAA1604, LSM2, LSM3, MAGOH, MORG1, PABPC1, PLRG1, PNN, PPIE, PPIL1, PPIL3, PPWD1, PRPF19, PRPF4B, PRPF6, PRPF8, RALY, RBM22, RBM8A, RBMX, SART1, SF3A1, SF3A2, SF3A3, SF3B1, SF3B2, SF3B3, SFRS1, SKIV2L2, SNRPA1, SNRPB, SNRPB2, SNRPD1, SNRPD2, SNRPD3, SNRPE, SNRPF, SNRPG, SNW1, SRRM1, SRRM2, SYF2, SYNCRIP, TFIIP11, THOC4, U2AF1, WDR57, XAB2 and ZCCHC8.,

研究领域 (Research Area)

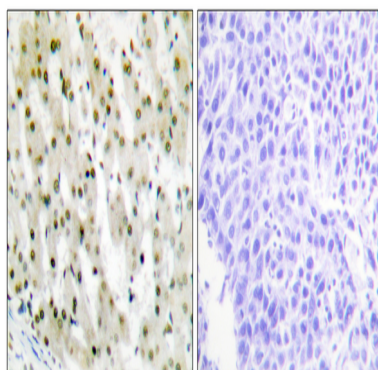
Spliceosome;

图片 (Image Data)

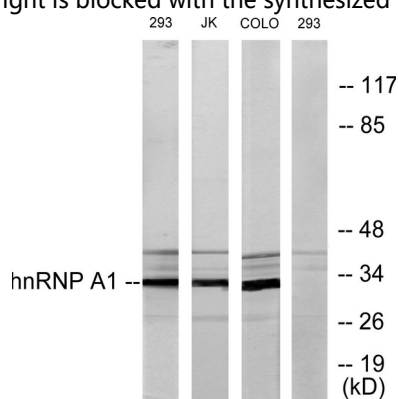


Immunofluorescence analysis of HeLa cells, using hnRNP A1 Antibody. The picture on the right is blocked with the synthesized peptide.

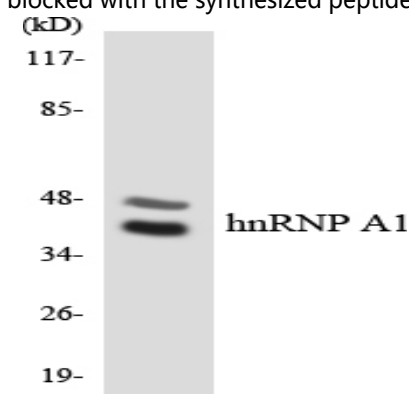
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Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using hnRNP A1 Antibody. The picture on the right is blocked with the synthesized peptide.

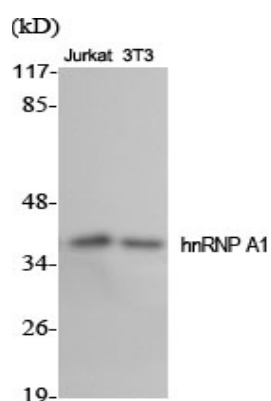


Western blot analysis of lysates from 293, Jurkat, and COLO205 cells, using hnRNP A1 Antibody. The lane on the right is blocked with the synthesized peptide.

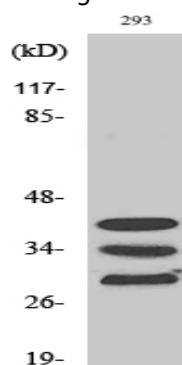


Western blot analysis of the lysates from RAW264.7 cells using hnRNP A1 antibody.

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Western Blot analysis of various cells using hnRNP A1 Polyclonal Antibody diluted at 1: 2000



Western Blot analysis of COLO205 cells using hnRNP A1 Polyclonal Antibody diluted at 1: 2000

注意事项 (Note)

For research use only .