

产品名称: SLU7 Rabbit Polyclonal Antibody
产品货号: APRab17983



产品概述 (Summary)

产品名称 (Production Name)	SLU7 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
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)	SLU7
别名 (Alternative Names)	SLU7; Pre-mRNA-splicing factor SLU7; hSlu7
基因 ID (Gene ID)	10569.0
蛋白 ID (SwissProt ID)	O95391.The antiserum was produced against synthesized peptide derived from human SLU7. AA range:113-162

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
蛋白分子量 (Molecular Weight)	65kDa

研究背景 (Background)

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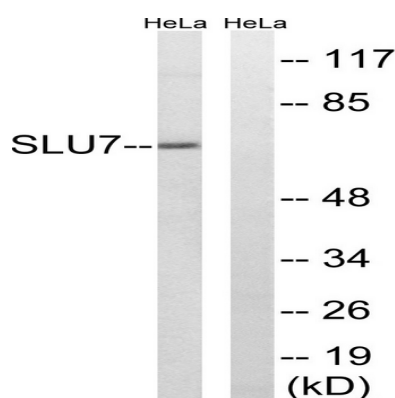


Pre-mRNA splicing occurs in two sequential transesterification steps. The protein encoded by this gene is a splicing factor that has been found to be essential during the second catalytic step in the pre-mRNA splicing process. It associates with the spliceosome and contains a zinc knuckle motif that is found in other splicing factors and is involved in protein-nucleic acid and protein-protein interactions. [provided by RefSeq, Jul 2008],domain:The CCHC-type zinc finger is required to retain the protein within the nucleus and prevent its shuttle back to the cytoplasm via the CRM1 pathway.,function:Participates in the second catalytic step of pre-mRNA splicing, when the free hydroxyl group of exon I attacks the 3'-splice site to generate spliced mRNA and the excised lariat intron. Required for holding exon 1 properly in the spliceosome and for correct AG identification when more than one possible AG exists in 3'-splicing site region. May be involved in the activation of proximal AG. Probably also involved in alternative splicing regulation.,similarity:Belongs to the SLU7 family.,similarity:Contains 1 CCHC-type zinc finger.,subcellular location:Predominantly nuclear. Shuttling between the nucleus and the cytoplasm is regulated by the CCHC-type zinc finger. Upon UV-C stress stimulus, the nuclear concentration of the protein decreases, affecting alternative splicing.,subunit:Component of late spliceosomal complexes. Associates with the spliceosome prior to recognition of the 3'-splice site for step II, probably during catalysis of step I.,

研究领域 (Research Area)

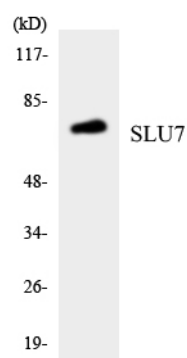
Spliceosome;

图片 (Image Data)

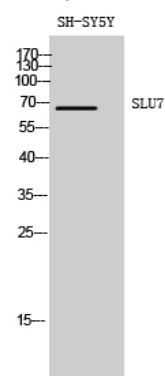


Western blot analysis of lysates from HeLa cells, using SLU7 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from HepG2 cells using SLU7 antibody.



Western Blot analysis of SH-SY5Y cells using SLU7 Polyclonal Antibody diluted at 1: 1000

注意事项 (Note)

For research use only .