

产品名称: SSBP1 Rabbit Polyclonal Antibody
产品货号: APRab18297



产品概述 (Summary)

产品名称 (Production Name)	SSBP1 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,Cow

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)	SSBP1
别名 (Alternative Names)	SSBP1; SSBP; Single-stranded DNA-binding protein; mitochondrial; Mt-SSB; MtSSB; PWP1-interacting protein 17
基因 ID (Gene ID)	6742.0
蛋白 ID (SwissProt ID)	Q04837.The antiserum was produced against synthesized peptide derived from human MtSSB. AA range:99-148

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)	17kDa

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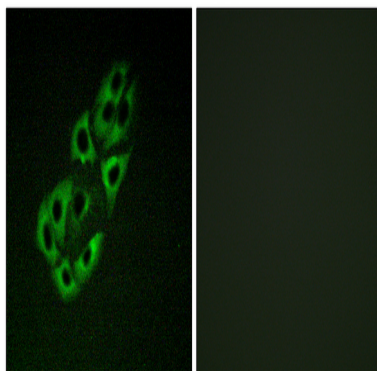
研究背景 (Background)

SSBP1 is a housekeeping gene involved in mitochondrial biogenesis (Tiranti et al., 1995 [PubMed 7789991]). It is also a subunit of a single-stranded DNA (ssDNA)-binding complex involved in the maintenance of genome stability (Huang et al., 2009) [PubMed 19683501]. [supplied by OMIM, Feb 2010], function: This protein binds preferentially and cooperatively to ssDNA. Probably involved in mitochondrial DNA replication., PTM: Phosphorylated upon DNA damage, probably by ATM or ATR., similarity: Contains 1 SSB domain., subunit: Homotetramer.,

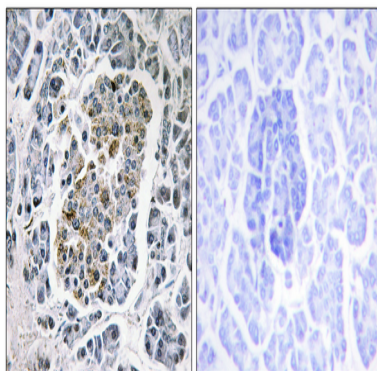
研究领域 (Research Area)

DNA replication; Mismatch repair; Homologous recombination;

图片 (Image Data)

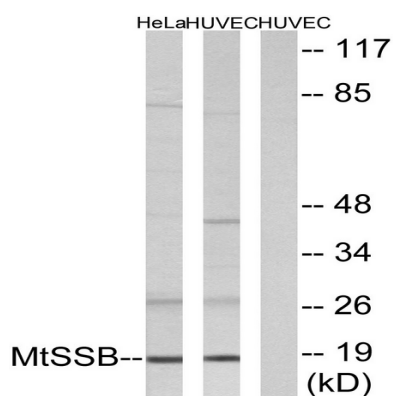


Immunofluorescence analysis of A549 cells, using MtSSB Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human pancreas tissue, using MtSSB Antibody. The picture on the right is blocked with the synthesized peptide.

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



Western Blot analysis of various cells using SSBP1 Polyclonal Antibody

注意事项 (Note)

For research use only .