

产品名称: SP-A Rabbit Polyclonal Antibody
产品货号: APRab18156



产品概述 (Summary)

产品名称 (Production Name)	SP-A 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)	SFTP2/SFTP1 SFTP2; COLEC5; PSAP; SFTP1; SFTP2; SFTP2B; Pulmonary surfactant-associated protein A2; PSP-A; PSPA; SP-A; SP-A2; 35 kDa pulmonary surfactant-associated protein; Alveolar proteinosis protein; Collectin-5;
别名 (Alternative Names)	SFTP1; COLEC4; PSAP;SFTP1; SFTP2; SFTP1B; Pulmonary surfactant-associated protein A1; PSP-A; PSPA; SP-A; SP-A1; 35 kDa pulmonary surfactant-associated protein; Alveolar proteinosis protein; Collectin-4
基因 ID (Gene ID)	729238.0
蛋白 ID (SwissProt ID)	Q8IWL1.The antiserum was produced against synthesized peptide derived from the Internal region of human SFTP1/2. AA range:141-190

产品应用 (Application)

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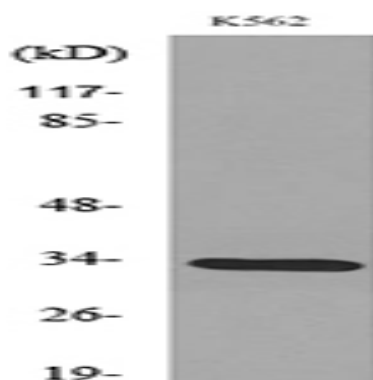
稀释比 (Dilution Ratio) WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight) 34kDa

研究背景 (Background)

This gene is one of several genes encoding pulmonary-surfactant associated proteins (SFTPA) located on chromosome 10. Mutations in this gene and a highly similar gene located nearby, which affect the highly conserved carbohydrate recognition domain, are associated with idiopathic pulmonary fibrosis. The current version of the assembly displays only a single centromeric SFTPA gene pair rather than the two gene pairs shown in the previous assembly which were thought to have resulted from a duplication. [provided by RefSeq, Sep 2009],function:In presence of calcium ions, it binds to surfactant phospholipids and contributes to lower the surface tension at the air-liquid interface in the alveoli of the mammalian lung and is essential for normal respiration.,miscellaneous:Pulmonary surfactant consists of 90% lipid and 10% protein. There are 4 surfactant-associated proteins: 2 collagenous, carbohydrate-binding glycoproteins (SP-A and SP-D) and 2 small hydrophobic proteins (SP-B and SP-C),polymorphism:At least 6 alleles of SFTPA2 are known: 1A, 1A(0), 1A(1), 1A(2), 1A(3) and 1A(4). The sequence shown is that of allele 1A(0),similarity:Belongs to the SFTPA family.,similarity:Contains 1 C-type lectin domain.,similarity:Contains 1 collagen-like domain.,subunit:Oligomeric complex of 6 set of homotrimers.,

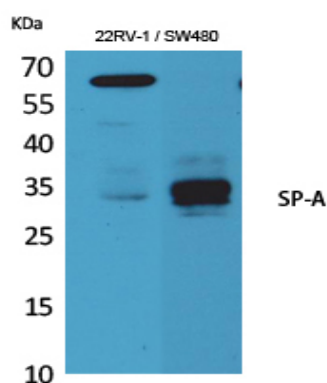
研究领域 (Research Area)

图片 (Image Data)

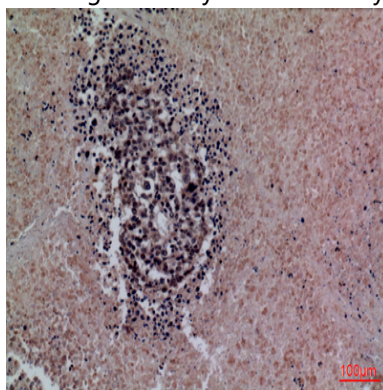


Western blot analysis of lysate from K562 cells, using SFTPA1/2 Antibody.

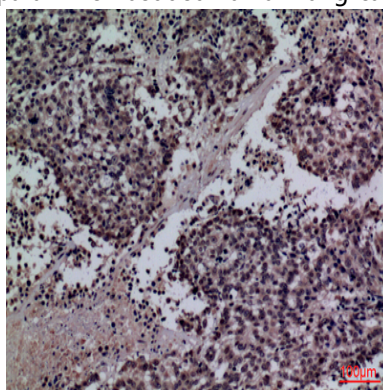
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Western Blot analysis of K562, mouse lung cells using SP-A Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-lung-cancer, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-lung-cancer, antibody was diluted at 1:100

注意事项 (Note)

For research use only .