

Rabbit anti-Human SFTP2B Polyclonal Antibody | anti-SFTP2B antibody

SFTP2B Antibody (C-term)

CATALOG # AAA285499	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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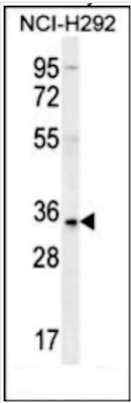
PRODUCT SYNONYMS

SFTP2B; Polyclonal Antibody; SFTP2B Antibody (C-term); Pulmonary surfactant-associated protein A2; PSP-A; PSPA; SP-A; SP-A2; 35 kDa pulmonary surfactant-associated protein; Alveolar proteinosis protein; Collectin-5; SFTP2; COLEC5; PSAP; SFTP1; SFTP; anti-SFTP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This SFTP2B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 174-202 amino acids from the C-terminal region of human SFTP2B.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	174-202
Sequence Length	248
Applicable Applications for anti-SFTP2 antibody	ELISA, WB (Western Blot)
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.
Cellular Location	Secreted. Secreted, extracellular space, extracellular matrix. Secreted, extracellular space, surface film
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
SFTP2B Antibody (C-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the SFTP2B antibody detected the SFTP2B protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SFTP2B antibody	This gene is one of several genes encoding pulmonary-surfactant associated proteins (SFTP2B) 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 SFTP2B gene pair rather than the two gene pairs shown in the previous assembly which were thought to have resulted from a duplication.
Product Categories/Family for anti-SFTP2B antibody	Cell Biology; Signal transduction
References	Silveyra, P., et al. Am. J. Physiol. Lung Cell Mol. Physiol. 299 (4), L523-L534 (2010) : Maitra, M., et al. J. Biol. Chem. 285(29):22103-22113(2010) Wang, G., et al. J. Biol. Chem. 285(16):11998-12010(2010) El Saleeby, C.M., et al. J. Pediatr. 156(3):409-414(2010) Liu, J., et al. Tohoku J. Exp. Med. 221(1):35-42(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	148886696
NCBI GeneID	729238
NCBI Accession #	NP_001092138.1
NCBI GenBank Nucleotide #	NM_001098668.2
UniProt Accession #	Q8IWL1; P07714; Q14DV3; Q5RIR8; A4QPA7; B2RXI6; B2RXK9; C9J9I7; E3VLC6; E3VLC7; E3VLC8; E3VLC9
Molecular Weight	26169 (Calculated)
NCBI Official Full Name	pulmonary surfactant-associated protein A2
NCBI Official Synonym Full Names	surfactant protein A2
NCBI Official Symbol	SFTP2B
NCBI Official Synonym Symbols	PSAP; PSPA; SP-A; SPA2; PSP-A; SFTP1; SPAlI; COLEC5; SFTP2B
NCBI Protein Information	pulmonary surfactant-associated protein A2
UniProt Protein Name	Pulmonary surfactant-associated protein A2
UniProt Gene Name	SFTP2B

UniProt Synonym Gene Names	COLEC5; PSAP; SFTP1; SFTPA; SFTPA2B; PSP-A; PSPA; SP-A; SP-A2
UniProt Entry Name	SFPA2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sftpa2b-antibody-western-blot-elisa/285499>