

SFTPA2B Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12232b

Specification

SFTPA2B Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q8IWL1
Other Accession	Q8IWL2 , NP_001092138.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	26182
Antigen Region	174-202

SFTPA2B Antibody (C-term) - Additional Information

Gene ID 729238

Other Names

Pulmonary surfactant-associated protein A2, PSP-A, PSPA, SP-A, SP-A2, 35 kDa pulmonary surfactant-associated protein, Alveolar proteinosis protein, Collectin-5, SFTPA2, COLEC5, PSAP, SFTP1, SFTPA, SFTPA2B

Target/Specificity

This SFTPA2B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 174-202 amino acids from the C-terminal region of human SFTPA2B.

Dilution

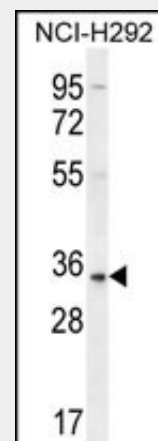
WB~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw



SFTPA2B Antibody (C-term) (Cat. #AP12232b) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the SFTPA2B antibody detected the SFTPA2B protein (arrow).

SFTPA2B Antibody (C-term) - 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.

SFTPA2B Antibody (C-term) - 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)

cycles.

Precautions

SFTP2B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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)

SFTP2B Antibody (C-term) - Protein Information

Name SFTP2

Synonyms COLEC5, PSAP, SFTP1, SFTP, SFTP2B

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, extracellular space, extracellular matrix. Secreted, extracellular space, surface film

SFTP2B Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)