

SFTPA2B Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12232b**Specification**

SFTPA2B Antibody (C-term) Blocking peptide - Product Information

Primary Accession [Q8IWL1](#)

SFTPA2B Antibody (C-term) Blocking peptide - 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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SFTPA2B Antibody (C-term) Blocking peptide - Protein Information

Name SFTPA2

Synonyms COLEC5, PSAP, SFTP1, SFTPA, SFTPA2B

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

SFTPA2B Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SFTPA2B Antibody (C-term) Blocking peptide - Images**SFTPA2B Antibody (C-term) Blocking peptide - 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) Blocking peptide - 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)