

AP53884PU-N**Polyclonal Antibody to SFTPA2B (C-term) - Aff - Purified**

Alternate names:	COLEC5, PSAP, Pulmonary surfactant-associated protein A2, SFTP1, SFTPA, SFTPA2
Quantity:	0.4 ml
Concentration:	0.280 mg/ml
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.
Uniprot ID:	Q8IWL1
NCBI:	NP_001092138
GeneID:	729238
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 174-202 amino acids from the C-terminal region of Human SFTPA2B Genename: SFTPA2
Format:	State: Liquid purified Ig fraction Purification: Protein A column followed by peptide Affinity purification Buffer System: PBS with 0.09% (W/V) Sodium Azide as preservative
Applications:	Western blotting: 1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes SFTPA2B (C-term). Species: Human. Other species not tested.
Add. Information:	Molecular Weight: 26182 Da
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Caution:	This product is for research use only. Not for use in diagnostic or therapeutic procedures.
General Readings:	1. Silveyra, P., et al. Am. J. Physiol. Lung Cell Mol. Physiol. 299 (4), L523-L534 (2010) 2. Maitra, M., et al. J. Biol. Chem. 285(29):22103-22113(2010) 3. Wang, G., et al. J. Biol. Chem. 285(16):11998-12010(2010) 4. El Saleeby, C.M., et al. J. Pediatr. 156(3):409-414(2010) 5. Liu, J., et al. Tohoku J. Exp. Med. 221(1):35-42(2010)

Pictures:

Western blot analysis using SFTPA2B Antibody (C-term) Cat.-No AP53884PU-N in NCI-H292 cell line lysates (35ug/lane). This demonstrates the SFTPA2B antibody detected the SFTPA2B protein (arrow).

