

DNAPAb

Hard-to-Find
Antibody

SFTPC DNAPAb

Catalog # H00006440-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SFTPC DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MDVGSKEVLME SPPDYSAAPRGRFGIPCCPVHLKRLLVVVVVVLIVVIVGALLMGLHMSQKHTE MVLEMSIGAPEAQQRLALSEHLVTTATFSIGSTGLVVYDYQQLLIAYKPAPGTCCYIMKIAPESIPSL EALNRKVHNFQMECSLQAKPAVPTSKLGQAEGRDAGSAPSGGDPAFLGMAVNTLCGEVPLYI
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — SFTPC

Entrez GeneID [6440](#)

GeneBank Accession# [NM_003018.2](#)

Protein Accession# [NP_003009.1](#)

Gene Name SFTPC

Gene Alias PSP-C, SFTP2, SMDP2, SP-C

Gene Description surfactant protein C

Omim ID [178500](#) [178620](#) [265120](#) [610913](#)

Gene Ontology [Hyperlink](#)

Gene Summary The SFTPC gene encodes pulmonary-associated surfactant protein C (SPC), an extremely hydrophobic surfactant protein essential for lung function and homeostasis after birth. It is produced exclusively by type II alveolar epithelial cells in the lung. Pulmonary surfactant is a lipid-rich material that prevents lung collapse by lowering surface tension at the air-liquid interface in the alveoli of lung. Surfactant is composed of phospholipids and other surfactant-associated proteins (Clark and Clark, 2005 [PubMed 15927881]). See also SFTPA1 (MIM 178630), SFTPB (MIM 178640), and SFTPD (MIM 178635).[supplied by OMIM]

Other Designations pulmonary surfactant apoprotein-2 SP-C|surfactant, pulmonary-associated protein C

Disease

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