

DNAxPAb

Hard-to-Find Antibody

SFTPb DNAPab

Catalog # H00006439-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SFTPB DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAESHLLQWLLLLLPTLCGPGTAAWTTSSLACAQGPEFWCQSLEQALQCRALGHCLQE VWGHV GADDLCQECEDIVHILNKMAKEAIFQDTMRKFLEQECNVLP LKLLMPQC NQVLDDYFPLVIDYFQN QTDSNGICMHLGLCKSRQPEPEQEPGMSDPLPKPLRDPLDP LLDKLVLPVLP GALQARPGPHT QDLSEQQFPIPLPYCWLCRALIKRIQAMIPKGALAVAVAQVCRVVPLVAGGICQCLAERYSVILLDT LLGRMLPQLVCRLVLRCSMDDSAGPRSP TGEWLPRDSECHLCMSVTTQAGNSSEQAIPQAMLQ ACVGSWLDREKCKQFVEQHTPQLLTLVPRGWD AHTTCQALGVCGTMSSPLQCIHSPDL
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 — SFTPB

Entrez GeneID [6439](#)

GeneBank Accession# [NM_000542.2](#)

Protein Accession# [NP_000533.2](#)

Gene Name SFTPB

Gene Alias PSP-B, SFTB3, SFTP3, SMDP1, SP-B

Gene Description surfactant protein B

Omim ID [178640 265120](#)

Gene Ontology [Hyperlink](#)

Gene Summary The SFTPB gene encodes the pulmonary-associated surfactant B protein (SPB), an amphipathic surfactant protein essential for lung function and homeostasis after birth. 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. SPB enhances the rate of spreading and increases the stability of surfactant monolayers in vitro. Surfactant is composed of phospholipids and other surfactant-associated proteins (Clark et al., 1995 [PubMed 7644495]). See also SFTPA1 (MIM 178630), SFTPC (MIM 178620), and SFTPD (MIM 178635).[supplied by OMIM]

Other Designations Pulmonary surfactant-associated protein B, 18kD|surfactant, pulmonary-associated protein B

Disease

- [alpha 1-Antitrypsin Deficiency](#)
- [Alpha-1-antitrypsin deficiency](#)
- [Anoxia](#)
- [Asthma](#)
- [Bronchiolitis](#)
- [Bronchopulmonary Dysplasia](#)
- [Carcinoma](#)

- [Community-Acquired Infections](#)
- [Critical Illness](#)
- [Diseases in Twins](#)
- [Ductus Arteriosus](#)
- [Emphysema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercapnia](#)
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- [Lung carcinoma](#)
- [Lung Diseases](#)
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- [Respiratory Distress Syndrome](#)
- [Respiratory Insufficiency](#)
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- [Scleroderma](#)
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