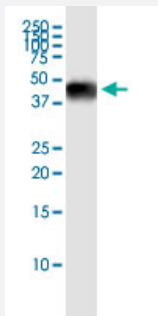


SFTPB (Human) IP-WB Antibody Pair

Catalog # H00006439-PW2

Size 1 Set

Applications



Immunoprecipitation of SFTPB transfected lysate using rabbit polyclonal anti-SFTPB and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-SFTPB.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of SFTPB transfected lysate using rabbit polyclonal anti-SFTPB and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-SFTPB.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-SFTPB (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-SFTPB (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — SFTPB

Entrez GeneID	6439
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](#)
- [Hypertension](#)
- [Infant](#)
- [Lung carcinoma](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Occupational Diseases](#)
- [Pneumonia](#)
- [Pulmonary Disease](#)
- [Pulmonary Fibrosis](#)
- [Respiratory Distress Syndrome](#)
- [Respiratory Insufficiency](#)
- [Respiratory Syncytial Virus Infections](#)
- [Scleroderma](#)
- [Sepsis](#)
- [Shock](#)