

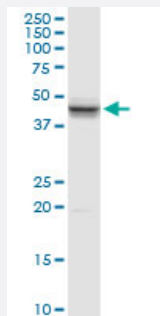
MaxPab®

SFTPb MaxPab rabbit polyclonal antibody (D01)

Catalog # H00006439-D01

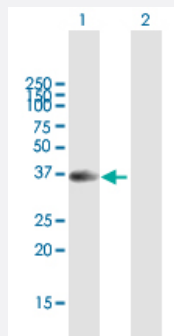
Size 100 uL

Applications



Western Blot (Tissue lysate)

SFTPb MaxPab rabbit polyclonal antibody. Western Blot analysis of SFTPb expression in human pancreas.

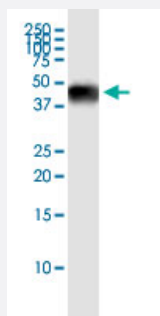


Western Blot (Transfected lysate)

Western Blot analysis of SFTPb expression in transfected 293T cell line ([H00006439-T01](#)) by SFTPb MaxPab polyclonal antibody.

Lane 1: SFTPb transfected lysate(42.1 kDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of SFTPb transfected lysate using anti-SFTPb MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with SFTPb purified MaxPab mouse polyclonal antibody (B01P) ([H00006439-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human SFTPb protein.

Immunogen	SFTPb (NP_000533.2, 1 a.a. ~ 381 a.a) full-length human protein.
Sequence	MAESHLLQWLLLLLPTLCGPGTAAWTTSSLACAQGPEFWCQSLEQALQCRALGHCLQEIVWGHV GADDLCQECEDIVHILNKMAKEAIFQDTMRKFLEQECNVLPKLLMPQC�NQVLDDYFPLVIDYFQN QTDSNGICMHLGLCKSRQPEPEQEPGMSDPLPKPLRDPLDPLLDKLVLPVLPALQARPGPHT QDLSEQQFPIPLPYCWLCRALIKRIQAMIPKGALAVAVAQVCRVVPLVAGGICQCLAERYSVILLDT LLGRMLPQLVCRLVLRCSMDDSAQPRSPTEWLPRDSECHLCMSVTTQAGNSSEQAIPQAMLQ ACVGSWLDREKCKQFVEQHTPQLLTLVPRGWDAAHTTCQALGVCCTMSSPLQCIHSPDL
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

SFTPb MaxPab rabbit polyclonal antibody. Western Blot analysis of SFTPb expression in human pancreas.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SFTPb expression in transfected 293T cell line ([H00006439-T01](#)) by SFTPb MaxPab polyclonal antibody.

Lane 1: SFTPb transfected lysate(42.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of SFTPb transfected lysate using anti-SFTPb MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with SFTPb purified MaxPab mouse polyclonal antibody (B01P) ([H00006439-B01P](#)).

[Protocol Download](#)

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](#)
- [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](#)