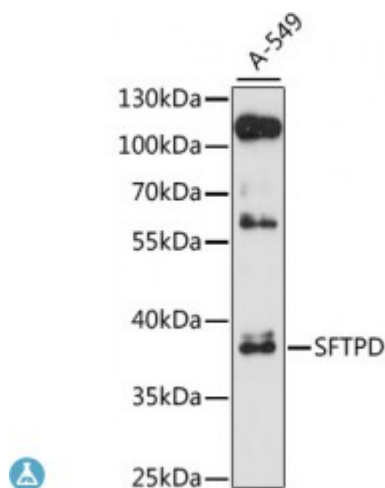


Anti-SFTPD Antibody



Description

The protein encoded by this gene is part of the innate immune response, protecting the lungs against inhaled microorganisms and chemicals. The encoded protein may also be involved in surfactant metabolism.

Model	STJ116154
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 50-220 of human SFTPD (NP_003010.4).
Gene ID	6441
Gene Symbol	SFTPD
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Expressed in lung, brain, pancreas and adipose tissue (mainly mature adipocytes)
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Pulmonary surfactant-associated protein D PSP-D SP-D Collectin-7 Lung surfactant protein D
Molecular Weight	37.728 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:10803 OMIM:178635 Reactome:R-HSA-166016
Alternative Names	Pulmonary surfactant-associated protein D PSP-D SP-D Collectin-7 Lung surfactant protein D
Function	Contributes to the lung's defense against inhaled microorganisms, organic antigens and toxins, Interacts with compounds such as bacterial lipopolysaccharides, oligosaccharides and fatty acids and modulates leukocyte action in immune response, May participate in the extracellular reorganization or turnover of pulmonary surfactant, Binds strongly maltose residues and to a lesser extent other alpha-glucosyl moieties,
Cellular Localization	Secreted, extracellular space, extracellular matrix, Secreted, extracellular space, surface film
Post-translational Modifications	The N-terminus is blocked

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com