

Anti-SFTPA1 Antibody
Catalog # AP53834**Specification**

Anti-SFTPA1 Antibody - Product Information

Application	WB
Primary Accession	Q8IWL2
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26242

Anti-SFTPA1 Antibody - Additional Information**Gene ID** 653509**Other Names**

COLEC4; PSAP; SFTP1; SFTPA; SFTPA1B; Pulmonary surfactant-associated protein A1; PSP-A; PSPA; SP-A; SP-A1; 35 kDa pulmonary surfactant-associated protein; Alveolar proteinosis protein; Collectin-4

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SFTPA1. The exact sequence is proprietary.

Dilution

WB~~1/500 - 1/1000

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-SFTPA1 Antibody - Protein Information**Name** SFTPA1**Synonyms** COLEC4, PSAP, SFTP1, SFTPA, SFTPA1B**Function**

In presence of calcium ions, it binds to surfactant phospholipids and contributes to lower the surface tension at the air- liquid interface in the alveoli of the mammalian lung and is essential for normal respiration. Enhances the expression of MYO18A/SP-R210 on alveolar macrophages (By similarity).

Cellular Location

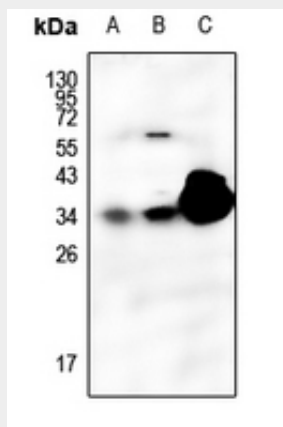
Secreted. Secreted, extracellular space, extracellular matrix. Secreted, extracellular space, surface film

Anti-SFTPA1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-SFTPA1 Antibody - Images



Western blot analysis of SFTPA1 expression in MCF7 (A), rat lung (B), mouse lung (C) whole cell lysates.

Anti-SFTPA1 Antibody - Background

Rabbit polyclonal antibody to SFTPA1