

A24870

Leader in Biomolecular Solutions for Life Science



SFTPA1 Rabbit pAb

Catalog No.: A24870

Basic Information

Observed MW

30-38kDa

Calculated MW

26kDa

Category

Polyclonal Antibody

Applications

WB

Cross-Reactivity

Rat

Background

This gene encodes a lung surfactant protein that is a member of a subfamily of C-type lectins called collectins. The encoded protein binds specific carbohydrate moieties found on lipids and on the surface of microorganisms. This protein plays an essential role in surfactant homeostasis and in the defense against respiratory pathogens. Mutations in this gene are associated with idiopathic pulmonary fibrosis. Alternate splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:1000 - 1:5000

Immunogen Information

Gene ID

653509/729238

Swiss Prot

Q8IWL2/Q8IWL1

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

SPA; ILD1; PSAP; PSPA; SP-A; SPA1; PSP-A; SFTP1; SP-A1; COLEC4; SFTPA1B; SP-A1 beta; SP-A1 delta; SP-A1 gamma; SP-A1 epsilon; SFTPA1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

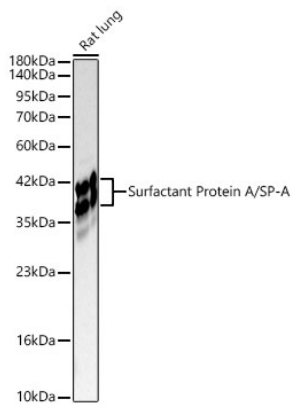
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from Rat lung using Surfactant Protein A/SP-A Rabbit pAb (A24870) at 1:2000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time:20s.