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SFTPA1 Rabbit pAb

Catalog No.: A24870

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Basic Information

Observed MW
30-38kDa

Calculated MW
26kDa

Category
Polyclonal Antibodies

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

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Product Information

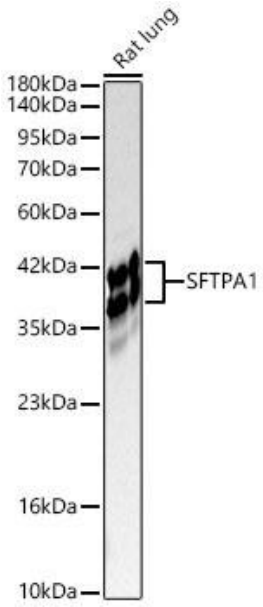
Source
Rabbit

Isotype
IgG

Purity
Affinity purification

Storage
Store at -20℃
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 SFTPA1 Rabbit pAb (A24870) at 1:2000 dilution incubated overnight at 4℃.
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: 20 s.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.