

SFTPA1

Reactivity:Human Mouse

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:1000 IHC 1:50 - 1:100

Calculated MW:28kDa

Observed MW:Refer to Figures

Immunogen:

A synthetic peptide of human SFTPA1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

SPA; PSAP; PSPA; SP-A; SPA1; PSP-A; SFTP1; SP-A1; COLEC4; SFTPA1B

Catalog #:A3133

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:653509

Isotype:IgG

Swiss Prot:Q81WL2

Purity:Affinity purification

For research use only.

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.

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