Rabbit Anti-SFTPD

(100 μg/vial, Lyophilized)

Catalog Number: BPAB3458

FOR RESEARCH USE ONLY

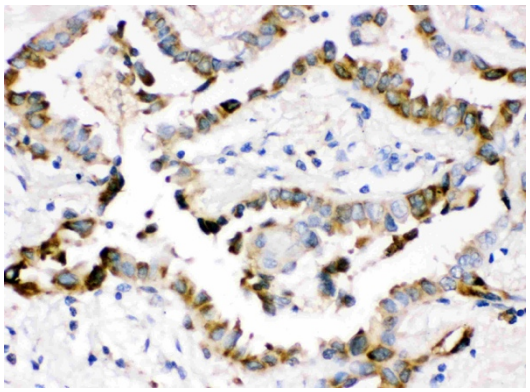
Overview

Product Name	Anti-Surfactant protein D/SFTPD Antibody
Reactive Species	Human, Rat
Description	Rabbit IgG polyclonal antibody for Pulmonary surfactant-associated protein D(SFTPD) detection. Tested with WB, IHC-P, IHC-F, ICC, ELISA in Human;Rat.
Conjugate	No
Application	ELISA, IHC, ICC, WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Storage Instructions	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P35247

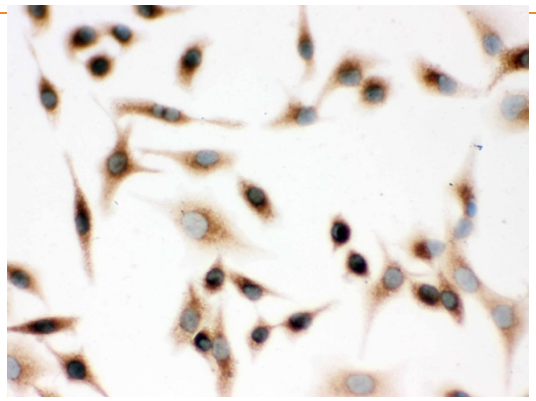
Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Surfactant protein D.
Cross Reactivity	No cross reactivity with other proteins
Form	Lyophilized
Concentration	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	ELISA , 0.1-0.5μg/ml Immunohistochemistry(Paraffin-embedded Section), 0.5-1μg/ml, By Heat Immunohistochemistry(Frozen Section), 0.5-1μg/ml Immunocytochemistry, 0.5-1μg/ml Western blot, 0.1-0.5μg/ml

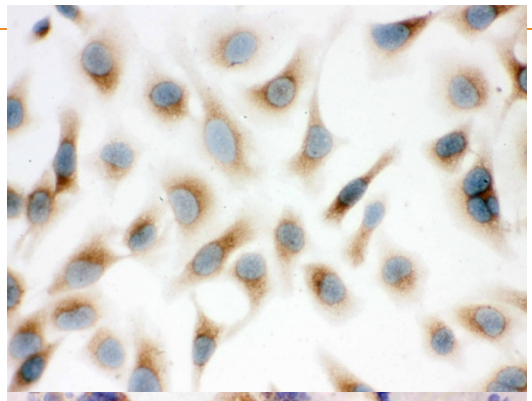
Anti- Surfactant protein D antibody, Western blotting
All lanes: Anti Surfactant protein D at 0.5ug/ml
Lane 1: Rat Lung Tissue Lysate at 50ug
Lane 2: Rat Brain Tissue Lysate at 50ug
Lane 3: PANC Whole Cell Lysate at 40ug
Predicted bind size: 38KD
Observed bind size: 38KD



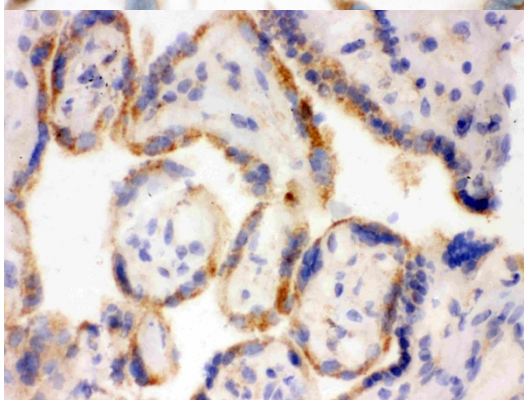
Anti- Surfactant protein D IHC(P)
IHC(P): Human Lung Cancer Tissue



IHC analysis of Surfactant protein D using anti-Surfactant protein D antibody.
Surfactant protein D was detected in immunocytochemical section of A549 cell. Heat mediated antigen retrieval was performed in citrate buffer (pH6) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1µg/ml rabbit anti-Surfactant protein D Antibody overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Strepavidin-Biotin-Complex with DAB as the chromogen.



IHC analysis of Surfactant protein D using anti-Surfactant protein D antibody.
Surfactant protein D was detected in immunocytochemical section of Hela cell. Heat mediated antigen retrieval was performed in citrate buffer (pH6) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1µg/ml rabbit anti-Surfactant protein D Antibody overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Strepavidin-Biotin-Complex with DAB as the chromogen.



IHC analysis of Surfactant protein D using anti-Surfactant protein D antibody.
Surfactant protein D was detected in frozen section of human placenta tissue . Heat mediated antigen retrieval was performed in citrate buffer (pH6) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1µg/ml rabbit anti-Surfactant protein D Antibody overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Strepavidin-Biotin-Complex with DAB as the chromogen. 5