

Datasheet for ABIN7443599
anti-SFTPA2 antibody (AA 21-248)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	SFTPA2
Binding Specificity:	AA 21-248
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SFTPA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Surfactant Associated Protein A2 (SPA2)
Immunogen:	Recombinant Surfactant Associated Protein A2 (SPA2) corresponding to Asn21~Phe248
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SPA2. It has been selected for its ability to recognize SPA2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

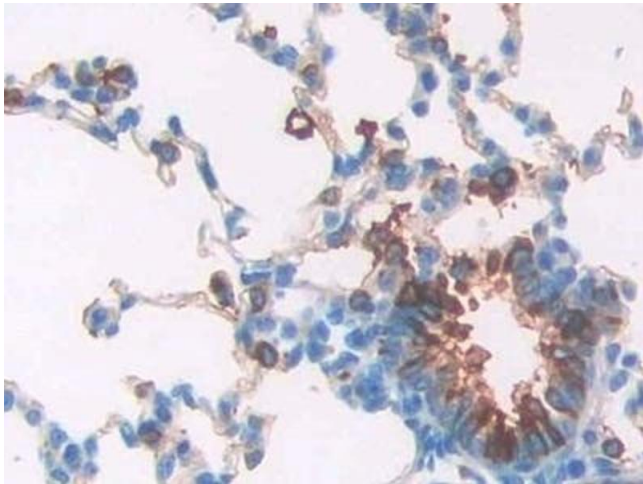
Target:	SFTPA2
Alternative Name:	Surfactant Associated Protein A2 (SFTPA2 Products)
Background:	SFTPA2B, COLEC5, SP2A, SPA1 beta, SP-A2, SPAIL, Collectin-5, Pulmonary Surfactant Protein A2, 35 kDa pulmonary surfactant-associated protein, Alveolar proteinosis protein

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

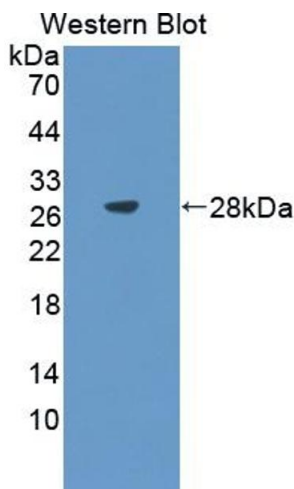
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



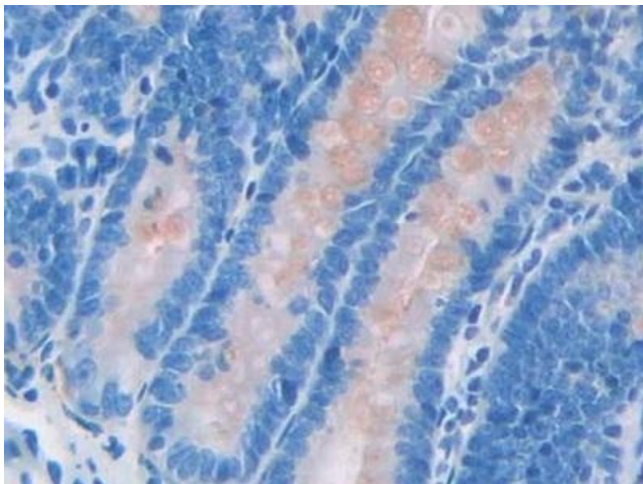
Immunohistochemistry

Image 1. Detection of SPA2 in Rat Lung Tissue using Polyclonal Antibody to Surfactant Associated Protein A2 (SPA2)



Western Blotting

Image 2. Detection of Recombinant SPA2, Rat using Polyclonal Antibody to Surfactant Associated Protein A2 (SPA2)



Immunohistochemistry

Image 3. Detection of SPA2 in Rat Small intestine Tissue using Polyclonal Antibody to Surfactant Associated Protein A2 (SPA2)