

Rabbit SFTPC Polyclonal Antibody | anti-SFTPC antibody

SFTPC Antibody

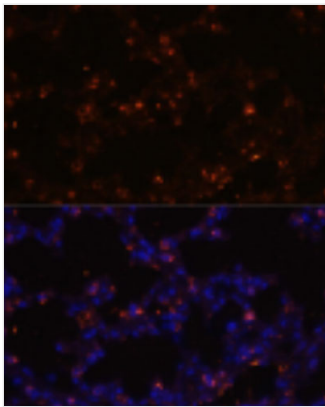
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29679	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

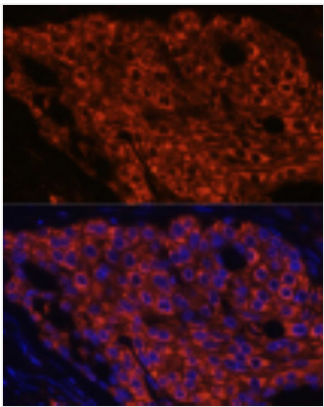
SFTPC; Polyclonal Antibody; SFTPC Antibody; SP-C; PSP-C; SFTP2; SMDP2; BRICD6; anti-SFTPC antibody

PRODUCT SPECIFICATIONS

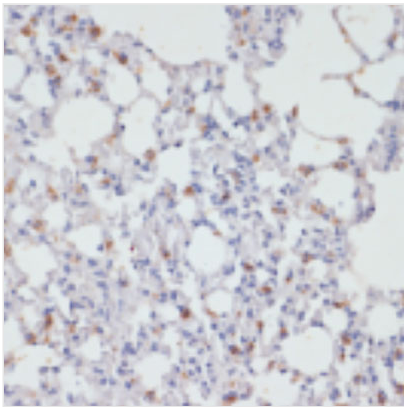
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total SFTPC protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	191
Applicable Applications for anti-SFTPC antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	Western blotting: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human SFTPC.
Target Name	SFTPC
Preparation and Storage	Store at -20°C.



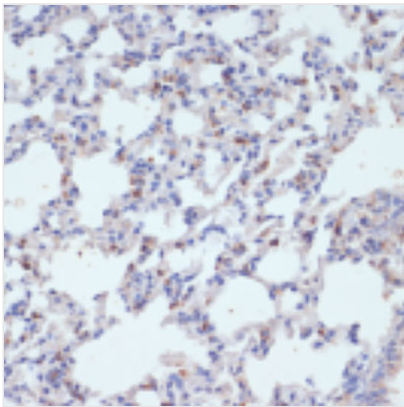
IF (Immunofluorescence)
Immunofluorescence analysis of mouse lung using SFTPC Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



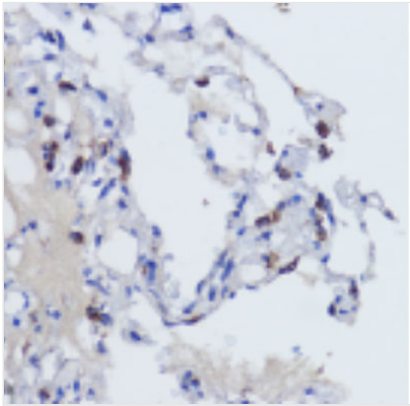
IF (Immunofluorescence)
Immunofluorescence analysis of human lung cancer using SFTPC Polyclonal Antibody at dilution of 1:100 (40x lens).Blue: DAPI for nuclear staining.



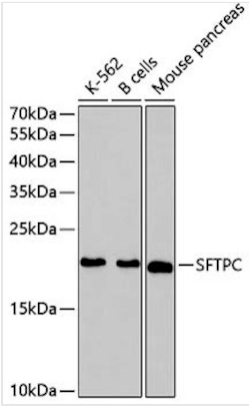
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse lung using SFTPC antibody at dilution of 1:200 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat lung using SFTPC antibody at dilution of 1:200 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human lung using SFTPC antibody at dilution of 1:200 (40x lens).



WB (Western Blot)
Western Blot analysis of extracts of various cell lines, using SFTPC at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-SFTPC antibody	This gene encodes the pulmonary-associated surfactant protein C (SPC), an extremely hydrophobic surfactant protein essential for lung function and homeostasis after birth. Pulmonary surfactant is a surface-active lipoprotein complex composed of 90% lipids and 10% proteins which include plasma proteins and apolipoproteins SPA, SPB, SPC and SPD. The surfactant is secreted by the alveolar cells of the lung and maintains the stability of pulmonary tissue by reducing the surface tension of fluids that coat the lung. Multiple mutations in this gene have been identified, which cause pulmonary surfactant metabolism dysfunction type 2, also called pulmonary alveolar proteinosis due to surfactant protein C deficiency, and are associated with interstitial lung disease in older infants, children, and adults. Alternatively spliced transcript variants encoding different protein isoforms have been identified.
Product Categories/Family for anti-SFTPC antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	288915543
NCBI GeneID	6440
NCBI Accession #	NP_001165828.1
NCBI GenBank Nucleotide #	NM_001172357.1
UniProt Accession #	P11686; P11687; Q12793; Q7Z5D0; A6XNE4; B2RE00; E9PGX3
Molecular Weight	SDS-PAGE MW: 21KD
NCBI Official Full Name	pulmonary surfactant-associated protein C isoform 2 proprotein
NCBI Official Synonym Full Names	surfactant protein C
NCBI Official Symbol	SFTPC
NCBI Official Synonym Symbols	SP-C; PSP-C; SFTP2; SMDP2; BRICD6
NCBI Protein Information	pulmonary surfactant-associated protein C
UniProt Protein Name	Pulmonary surfactant-associated protein C
UniProt Gene Name	SFTPC
UniProt Synonym Gene Names	SFTP2; SP-C
UniProt Entry Name	PSPC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/sftpc-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/29679>