10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

SP-B Polyclonal Antibody
Catalog # AP72563

Specification

SP-B Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	P07988
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**

SP-B Polyclonal Antibody - Additional Information

Gene ID 6439

Other Names
SFTPB; SFTP3; Pulmonary surfactant-associated protein B; SP-B; 18 kDa pulmonary-surfactant protein; 6 kDa protein; Pulmonary surfactant-associated proteolipid SPL(Phe)

Dilution
WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

SP-B Polyclonal Antibody - Protein Information

Name SFTPB

Synonyms SFTP3

Function
Pulmonary surfactant-associated proteins promote alveolar stability by lowering the surface tension at the air-liquid interface in the peripheral air spaces. SP-B increases the collapse pressure of palmitic acid to nearly 70 millinewtons per meter.

Cellular Location
Secreted, extracellular space, surface film.

SP-B Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

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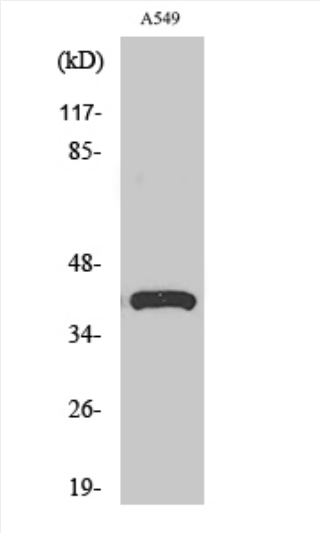
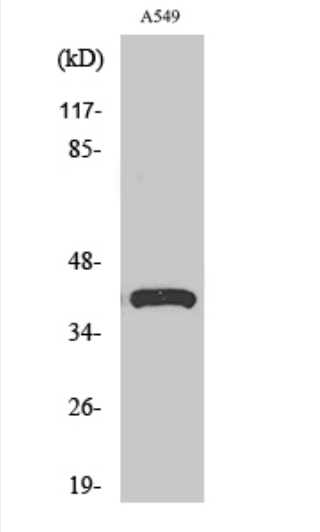
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SP-B Polyclonal Antibody - Images



Western Blot analysis of various cells using SP-B Polyclonal Antibody diluted at 1□1000



Western Blot analysis of various cells using SP-B Polyclonal Antibody diluted at 1□1000

SP-B Polyclonal Antibody - Background

Pulmonary surfactant-associated proteins promote alveolar stability by lowering the surface tension at the air- liquid interface in the peripheral air spaces. SP-B increases the collapse pressure of palmitic acid to nearly 70 millinewtons per meter.