

A16997

Leader in Biomolecular Solutions for Life Science



## SCGB1A1 Rabbit pAb

Catalog No.: A16997

### Basic Information

**Observed MW**

11kDa

**Calculated MW**

10kDa

**Category**

Polyclonal Antibody

**Applications**

WB, IHC-P, IF/ICC, ELISA

**Cross-Reactivity**

Mouse, Rat

### Background

This gene encodes a member of the secretoglobin family of small secreted proteins. The encoded protein has been implicated in numerous functions including anti-inflammation, inhibition of phospholipase A2 and the sequestering of hydrophobic ligands. Defects in this gene are associated with a susceptibility to asthma.

### Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IHC-P</b>	1:50 - 1:200
<b>IF/ICC</b>	1:50 - 1:200

### Immunogen Information

**Gene ID**

7356

**Swiss Prot**

P11684

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 22-91 of human SCGB1A1 (NP\_003348.1).

**Synonyms**

UGB; UP1; CC10; CC16; CCSP; UP-1; CCPBP; SCGB1A1

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

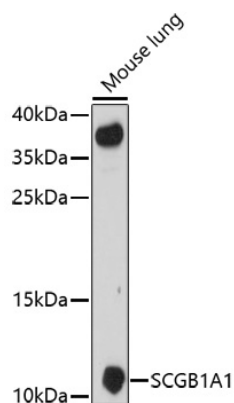
Affinity purification

**Storage**

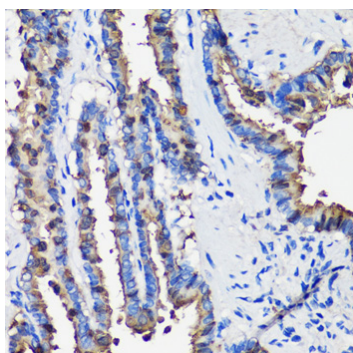
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

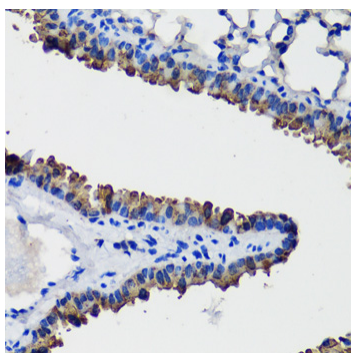
## Validation Data



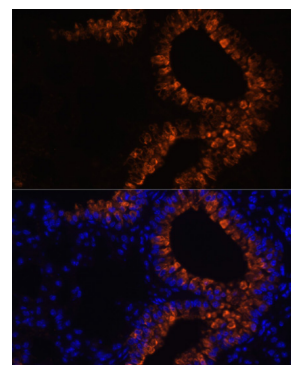
Western blot analysis of lysates from mouse lung, using SCGB1A1 Rabbit pAb (A16997) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 90s.



Immunohistochemistry analysis of SCGB1A1 in paraffin-embedded rat lung using SCGB1A1 Rabbit pAb (A16997) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of SCGB1A1 in paraffin-embedded mouse lung using SCGB1A1 Rabbit pAb (A16997) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunofluorescence analysis of paraffin-embedded mouse lung using SCGB1A1 Rabbit pAb (A16997) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.