

**SCGB3A2 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP56644****Specification****SCGB3A2 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	<a href="#">Q96PL1</a>
Reactivity	Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	10161

**SCGB3A2 Polyclonal Antibody - Additional Information****Gene ID** 117156**Other Names**

Secretoglobin family 3A member 2, Pneumo secretory protein 1, PnSP-1, Uteroglobin-related protein 1, SCGB3A2, PNSP1, UGRP1

**Dilution**

<span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \><span class = "dilution\_IHC-F">IHC-F~~N/A</span><br \><span class = "dilution\_IF">IF~~1:50~200</span><br \><span class = "dilution\_ICC">ICC~~N/A</span>

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**SCGB3A2 Polyclonal Antibody - Protein Information****Name** SCGB3A2**Synonyms** PNSP1, UGRP1**Function**

Secreted cytokine-like protein (PubMed:<a href="http://www.uniprot.org/citations/12847263" target="\_blank">12847263</a>). Binds to the scavenger receptor MARCO (PubMed:<a href="http://www.uniprot.org/citations/12847263" target="\_blank">12847263</a>). Can also bind to pathogens including the Gram-positive bacterium *L.monocytogenes*, the Gram-negative bacterium *P.aeruginosa*, and yeast (PubMed:<a href="http://www.uniprot.org/citations/12847263" target="\_blank">12847263</a>). Strongly inhibits phospholipase A2 (PLA2G1B) activity (PubMed:<a href="http://www.uniprot.org/citations/24213919" target="\_blank">24213919</a>). Seems to have anti-inflammatory effects in respiratory epithelium (By similarity). Also has

anti-fibrotic activity in lung (PubMed:<a href="http://www.uniprot.org/citations/24213919" target="\_blank">24213919</a>). May play a role in fetal lung development and maturation (PubMed:<a href="http://www.uniprot.org/citations/24213919" target="\_blank">24213919</a>). Promotes branching morphogenesis during early stages of lung development (PubMed:<a href="http://www.uniprot.org/citations/24213919" target="\_blank">24213919</a>). In the pituitary, may inhibit production of follicle-stimulating hormone (FSH) and luteinizing hormone (LH) (By similarity).

**Cellular Location**

Secreted.

**Tissue Location**

Highly expressed in lung and trachea (PubMed:12175512, PubMed:12406855, PubMed:12847263). Detected throughout the airway epithelium in lung, with slightly higher expression in large airways (PubMed:12406855). Found in lung submucosal gland acinus where it localizes to serous-like cells (PubMed:12406855) Probably expressed in club cells of the bronchioles (PubMed:12847263) Not detected in other tissues tested (PubMed:12847263)

**SCGB3A2 Polyclonal Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**SCGB3A2 Polyclonal Antibody - Images**