

## Uteroglobin Antibody / Scgb1a1 (RQ4102)

| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| RQ4102      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

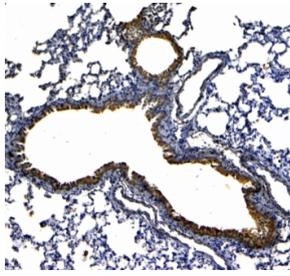
### Bulk quote request

|                           |   |
|---------------------------|---|
| <b>Availability</b>       | 1-3 business days   |
| <b>Species Reactivity</b> | Rat   |
| <b>Format</b>             | Antigen affinity purified   |
| <b>Host</b>               | Rabbit  |
| <b>Clonality</b>          | Polyclonal (rabbit origin)  |
| <b>Isotype</b>            | Rabbit IgG  |
| <b>Purity</b>             | Antigen affinity purified   |
| <b>Buffer</b>             | Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide                 |
| <b>UniProt</b>            | P17559  |
| <b>Localization</b>       | Cytoplasmic   |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml<br>IHC (FFPE) : 1-2ug/ml<br>Direct ELISA : 0.1-0.5ug/ml |
| <b>Limitations</b>        | This Uteroglobin antibody is available for research use only.                     |

kDa  
72-  
55-  
43-  
34-  
26-  
17-  
10-

Western blot testing of rat lung tissue lysate with Uteroglobin antibody at 0.5ug/ml.  
Expected molecular weight: 10-17 kDa.





IHC testing of FFPE rat lung tissue with Uteroglobin antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.

## Description

Uteroglobin, also known as secretoglobin family 1A member 1 (SCGB1A1), is a protein that in humans is encoded by the SCGB1A1 gene. 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.

## Application Notes

Optimal dilution of the Uteroglobin antibody should be determined by the researcher.

## Immunogen

A recombinant rat partial protein corresponding to amino acids S20-V96 was used as the immunogen for the Uteroglobin antibody.

## Storage

After reconstitution, the Uteroglobin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.