

Scgb1a1 Antibody / Uteroglobulin (RQ4101)

Catalog No.	Formulation	Size
RQ4101	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q06318
Localization	Cytoplasmic
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 1-2ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This Scgb1a1 antibody is available for research use only.

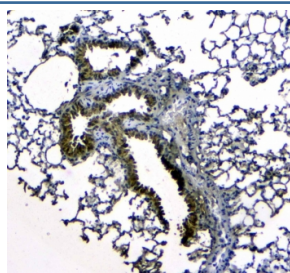
kDa
72-
55-
43-
34-
26-

17-

10-



Western blot testing of mouse lung tissue lysate with Scgb1a1 antibody at 0.5ug/ml.
Expected molecular weight: 10-17 kDa.



IHC testing of FFPE mouse lung tissue with Scgb1a1 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 Scgb1a1 antibody should be determined by the researcher.

Immunogen

A recombinant mouse partial protein corresponding to amino acids D22-F96 was used as the immunogen for the Scgb1a1 antibody.

Storage

After reconstitution, the Scgb1a1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.