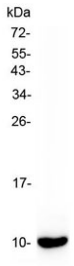
Scgb1a1 Antibody / Uteroglobin (RQ4101)

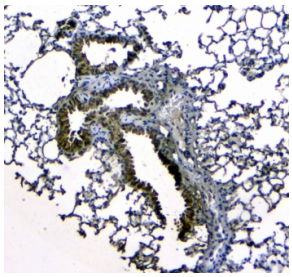
Catalog No.	Formulation	Size
RQ4101	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
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.



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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com

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