

ARG59196 anti-Uteroglobin antibody

Package: 50 µg
Store at: -20°C

Summary

| | |
|---------------------|---|
| Product Description | Rabbit Polyclonal antibody recognizes Uteroglobin |
| Tested Reactivity | Ms |
| Predict Reactivity | Rat |
| Tested Application | IHC-P, WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | Uteroglobin |
| Species | Mouse |
| Immunogen | Recombinant protein corresponding to D22-F96 of Mouse Uteroglobin. |
| Conjugation | Un-conjugated |
| Alternate Names | Secretoglobin family 1A member 1; Urine protein 1; Urinary protein 1; Clara cell phospholipid-binding protein; UGB; CCPBP; CCSP; UP-1; CC10; Clara cells 10 kDa secretory protein; UP1; Uteroglobin; CC16 |

Application Instructions

| | | |
|-------------------|--|-----------------|
| Application table | Application | Dilution |
| | IHC-P | 0.5 - 1 µg/ml |
| | WB | 0.1 - 0.5 µg/ml |
| Application Note | IHC-P: Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0) for 20 min. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

Properties

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| Form | Liquid |
| Purification | Affinity purification with immunogen. |
| Buffer | 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 4% Trehalose. |
| Preservative | 0.05% Sodium azide |
| Stabilizer | 4% Trehalose |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

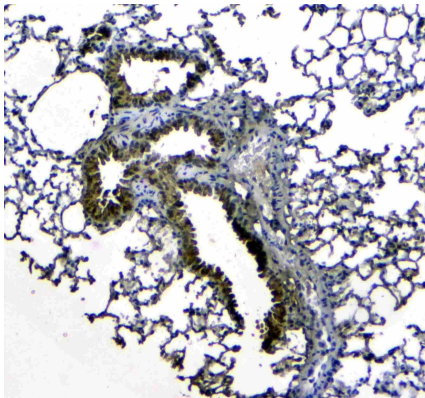
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

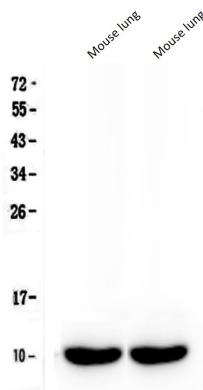
| | |
|-----------------------|---|
| Gene Symbol | SCGB1A1 |
| Gene Full Name | secretoglobin, family 1A, member 1 (uteroglobin) |
| Background | This gene encodes a member of the secretoglobin family of small secreted proteins. The encoded protein has been implicated in numerous functions including anti-inflammation, inhibition of phospholipase A2 and the sequestering of hydrophobic ligands. Defects in this gene are associated with a susceptibility to asthma. [provided by RefSeq, May 2010] |
| Function | Binds phosphatidylcholine, phosphatidylinositol, polychlorinated biphenyls (PCB) and weakly progesterone, potent inhibitor of phospholipase A2. [UniProt] |
| Calculated Mw | 10 kDa |
| Cellular Localization | Secreted. [UniProt] |

Images



ARG59196 anti-Uteroglobin antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse lung tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG59196 anti-Uteroglobin antibody at 1 µg/ml dilution, overnight at 4°C.



ARG59196 anti-Uteroglobin antibody WB image

Western blot: 50 µg of samples under reducing conditions. Mouse lung and Mouse lung lysates stained with ARG59196 anti-Uteroglobin antibody at 0.5 µg/ml, overnight at 4°C.