

ARG59197 anti-Uteroglobin antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Uteroglobin
Tested Reactivity	Rat
Predict Reactivity	Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Uteroglobin
Species	Rat
Immunogen	Recombinant protein corresponding to S20-V96 of Rat 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

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.

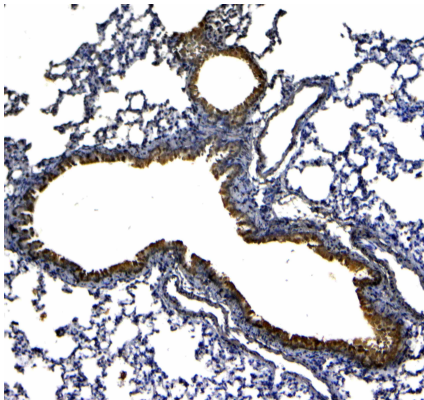
Note

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

Bioinformation

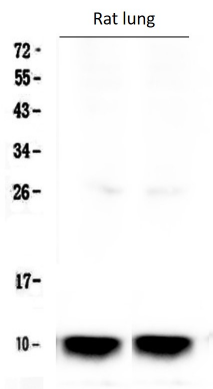
Gene Symbol	SCGB1A1
Gene Full Name	secretoglobin, family 1A, member 1 (uteroglobin)
Background	This gene encodes a member of the secretoglobin family of small secreted proteins. The encoded protein has been implicated in numerous functions including anti-inflammation, inhibition of phospholipase A2 and 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



ARG59197 anti-Uteroglobin antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat 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 ARG59197 anti-Uteroglobin antibody at 1 µg/ml dilution, overnight at 4°C.



ARG59197 anti-Uteroglobin antibody WB image

Western blot: 50 µg of samples under reducing conditions. Rat lung tissue lysates (both two lanes) stained with ARG59197 anti-Uteroglobin antibody at 0.5 µg/ml, overnight at 4°C.