

# Uteroglobin Rabbit pAb

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Catalog # AP94060

## Product Information

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<b>Application</b>	IHC-P, IHC-F, IF
<b>Primary Accession</b>	<a href="#">Q06318</a>
<b>Reactivity</b>	Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	10519
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from mouse Uteroglobin
<b>Epitope Specificity</b>	21-86/96
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Secreted.
<b>SIMILARITY</b>	Belongs to the secretoglobin family.
<b>SUBUNIT</b>	Homodimer; antiparallel disulfide-linked.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	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].

## Additional Information

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<b>Gene ID</b>	22287
<b>Other Names</b>	Uteroglobin, Club cell 17 kDa protein, Club cell phospholipid-binding protein, CCPBP, Club cells 10 kDa secretory protein, CC10, PCB-binding protein, Secretoglobin family 1A member 1, Scgb1a1, Cc10, Ugb, Utg
<b>Target/Specificity</b>	Clara cells (nonciliated cells of the surface epithelium of the pulmonary airways).
<b>Dilution</b>	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## Protein Information

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<b>Name</b>	Scgb1a1
<b>Synonyms</b>	Cc10, Ugb, Utg
<b>Function</b>	Binds phosphatidylcholine, phosphatidylinositol, polychlorinated biphenyls (PCB) and weakly progesterone, potent inhibitor of phospholipase A2.
<b>Cellular Location</b>	Secreted.
<b>Tissue Location</b>	Club cells (nonciliated cells of the surface epithelium of the pulmonary airways)

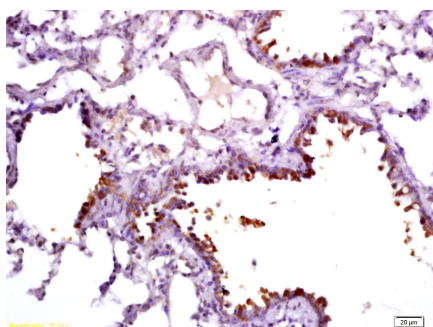
## Background

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## Images

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Tissue/cell: rat lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-CC16/CCSP Polyclonal Antibody, Unconjugated(AP94060) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.