SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-Uteroglobin antibody

Catalog Number: SL1487R

FOR RESEARCH USE ONLY

[DATASHEET]

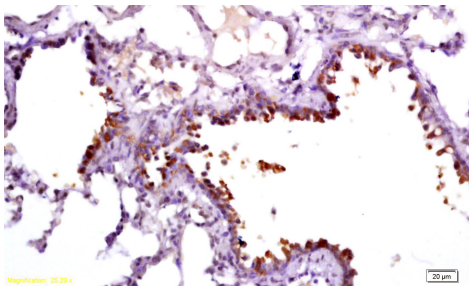
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Uteroglobin
Immunogen:	KLH conjugated synthetic peptide derived from mouse Uteroglobin: 21-86/96
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Mouse)
Predicted MW.:	8.4kDa
Subcellular Location:	Secretory protein
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]. **Function:** Binds phosphatidylcholine, phosphatidylinositol, polychlorinated biphenyls (PCB) and weakly progesterone, potent inhibitor of phospholipase A2. **Subunit:** Homodimer; antiparallel disulfide-linked. **Subcellular Location:** Secreted. **Tissue Specificity:** Clara cells (nonciliated cells of the surface epithelium of the pulmonary airways). **Similarity:** Belongs to the secretoglobin family.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Database links: **Entrez Gene:** 7356 Human **Entrez Gene:** 22287 Mouse **Entrez Gene:** 25575 Rat Omim: 192020 Human **SwissProt:** P11684 Human **SwissProt:** Q06318 Mouse **SwissProt:** P17559 Rat **Unigene:** 523732 Human **Unigene:** 2258 Mouse **Unigene:** 2206 Rat ClaraCell secretory protein (CC16) has a significant anti-inflammatory effect.

[VALIDATION IMAGES]



Tissue/cell: rat lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, 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℃ for 20 min;
Incubation: Anti-CC16/CCSP Polyclonal Antibody, Unconjugated(SL1487R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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