

For Research Use Only

Uteroglobulin/CC10 Polyclonal antibody



Catalog Number: 10490-1-AP **8 Publications**

Basic Information

Catalog Number: 10490-1-AP	GenBank Accession Number: BC004481	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop and 253 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7356	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	Full Name: secretoglobin, family 1A, member 1 (uterogloblin)	
Isotype: IgG	Calculated MW: 10 kDa	
Immunogen Catalog Number: AG0758		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse lung tissue,
Cited Applications: FC, IF, IHC	
Species Specificity: human, mouse	
Cited Species: bovine, human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Uteroglobulin, also known as CC10, is a member of the secretoglobin family of small secreted proteins. It is produced by the nonciliated, nonmucous, secretory epithelial clara cells of the pulmonary airways, was first identified in lung lavage by Singh and colleagues. It 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Aibin Liu	32991738	J Pathol	IHC
Akina Kawara	33020583	Sci Rep	IHC
Golnaz Karoubi	19652646	Lab Invest	FC

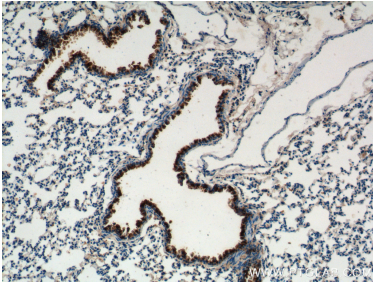
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

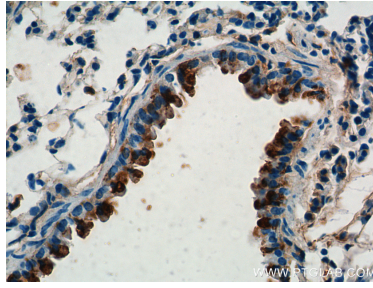
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 10490-1-AP (Uteroglobin Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 10490-1-AP (Uteroglobin Antibody) at dilution of 1:200 (under 40x lens).