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SCGB3A1 Rabbit pAb

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Catalog # AP58437

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96QR1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	10100
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SCGB3A1
Epitope Specificity	51-104/104
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	SCGB3A1 is a potential growth inhibitory cytokine.

Additional Information

Gene ID	92304
Other Names	Secretoglobin family 3A member 1, Cytokine HIN-1, High in normal 1, Pneumo secretory protein 2, PnSP-2, Uteroglobin-related protein 2, SCGB3A1, HIN1, PNSP2, UGRP2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	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

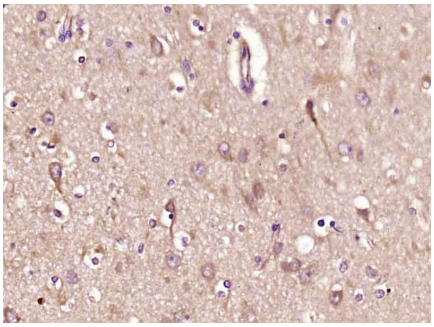
Name	SCGB3A1
Synonyms	HIN1, PNSP2, UGRP2
Function	Secreted cytokine-like protein. Inhibits cell growth in vitro.

Cellular Location	Secreted.
Tissue Location	Highly expressed in lung and prostate (PubMed:11481438). Also found in mammary gland, spleen, pancreas, testis and liver (PubMed:11481438). Detected throughout the airway epithelium in lung, with highest expression in large airways (PubMed:12406855). Found in lung submucosal glands where it localizes to acinar and ductile cells (PubMed:12406855). Not detected in respiratory bronchioles, alveolar ducts or alveolar epithelium (PubMed:12406855). In mammary gland, specifically localizes to luminal epithelial cells (PubMed:11481438).

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SCGB3A1) Polyclonal Antibody, Unconjugated (AP58437) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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