

SCGB1D2 polyclonal antibody

Catalog # PAB6812 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of SCGB1D2.
Immunogen	A synthetic peptide corresponding to human SCGB1D2.
Sequence	CTDQMSLQKRSLIAE
Host	Goat
Theoretical MW (kDa)	9.9
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — SCGB1D2

Entrez GeneID [10647](#)**Protein Accession#** [NP_006542.1](#)**Gene Name** SCGB1D2**Gene Alias** LIPB, LPHB**Gene Description** secretoglobin, family 1D, member 2**Gene Ontology** [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the lipophilin subfamily, part of the uteroglobin superfamily, and is an ortholog of prostatein, the major secretory glycoprotein of the rat ventral prostate gland. Lipophilin gene products are widely expressed in normal tissues, especially in endocrine-responsive organs. Assuming that human lipophilins are the functional counterparts of prostatein, they may be transcriptionally regulated by steroid hormones, with the ability to bind androgens, other steroids and possibly bind and concentrate estramustine, a chemotherapeutic agent widely used for prostate cancer. Although the gene has been reported to be on chromosome 10, this sequence appears to be from a cluster of genes on chromosome 11 that includes mammaglobin 2. [provided by RefSeq]

Other Designations lipophilin B|lipophilin B (uteroglobin family member), prostatein-like|prostatein-like lipophilin B

Publication Reference

- [Serum antibodies to lipophilin B detected in late stage breast cancer patients.](#)

Carter D, Dillon DC, Reynolds LD, Retter MW, Fanger G, Molesh DA, Sleath PR, McNeill PD, Vedvick TS, Reed SG, Persing DH, Houghton RL.

Clinical Cancer Research 2003 Feb; 9(2):749.

Application: EIA, Human, Serum