



Rabbit Anti-Lipophilin B antibody

SL6546R

Product Name:	Lipophilin B
Chinese Name:	亲脂性蛋白B抗体
Alias:	LIPB; LIPHB; Lipophilin B (uteroglobin family member) prostatein like; LipophilinB; LPHB; Prostatein like lipophilin B; SCGB1D2; Secretoglobin family 1D member 2; SG1D2 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	8kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Lipophilin B:41-90/90
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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.

Function:

May bind androgens and other steroids, may also bind estramustine, a chemotherapeutic agent used for prostate cancer. May be under transcriptional regulation of steroid hormones.

Subcellular Location:

Secreted

Tissue Specificity:

Highest expression was found in skeletal muscle. Expressed as well in thymus, trachea, kidney, steroid responsive tissues (prostate, testis, uterus, breast and ovary) and salivary gland.

Similarity:

Belongs to the secretoglobin family. Lipophilin subfamily.

SWISS:

O95969

Gene ID:

10647

Database links:

[Entrez Gene: 10647](#)Human

[SwissProt: O95969](#)Human

Important Note:

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