

SG1D1 Rabbit Polyclonal Antibody

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Catalog # AP93480

Product Information

Application	IHC-P, IF, ICC
Primary Accession	O95968
Reactivity	Human, Rat, Mouse
Host	Polyclonal, Rabbit, IgG
Clonality	Polyclonal
Calculated MW	9898

Additional Information

Gene ID	10648
Other Names	Secretoglobin family 1D member 1, Lipophilin-A, SCGB1D1, LIPHA, LPNA
Dilution	IHC-P~~N/A IF~~1:50~200 ICC~~N/A
Storage Conditions	-20°C

Protein Information

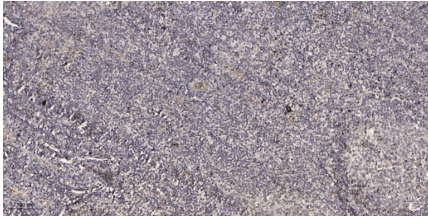
Name	SCGB1D1
Synonyms	LIPHA, LPNA
Function	May bind androgens and other steroids, may also bind estramustine, a chemotherapeutic agent used for prostate cancer. May be under transcriptional regulation of steroid hormones.
Cellular Location	Secreted.
Tissue Location	Expressed in lachrymal gland, thymus, kidney, testis, ovary and salivary gland

Background

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. This gene product represents one component of a heterodimeric molecule present in human tears whose elution profile is consistent with prostatein, a tetrameric molecule composed of three peptide components in heterodimers. 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 15, this sequence appears to be from a cluster of genes on chromosome 11 that includes mammaglobin 2. [provided by RefSeq, Jul 2008],

Images



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

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