10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RCAS1/EBAG9 Rabbit pAb

Catalog # AP97890

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O00559
Other Accession	O00559
Reactivity	Mouse
Predicted	Pig, Human, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24377
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RCAS1
Epitope Specificity	151-213/213
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
SUBUNIT	Homodimer.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene was identified as an estrogen-responsive gene. Regulation of transcription by estrogen is mediated by estrogen receptor, which binds to the estrogen-responsive element found in the 5'-flanking region of this gene. The encoded protein is a tumor-associated antigen that is expressed at high frequency in a variety of cancers. Alternate splicing results in multiple transcript variants. A pseudogene of this gene has been defined on chromosome 10. [provided by RefSeq, Jul 2013]

Additional Information

Gene ID	9166
Other Names	EB9; PDAF; Rcas1; RCAS1_HUMAN; EBAG9; Cancer-associated surface antigen RCAS1; Estrogen receptor-binding fragment-associated gene 9 protein; RCAS1_MOUSE; RCAS1_RAT; estrogen receptor binding site associated antigen 9; receptor-binding cancer antigen expressed on SiSo cells 1
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	EBAG9
Synonyms	RCAS1
Function	May participate in suppression of cell proliferation and induces apoptotic cell death through activation of interleukin-1-beta converting enzyme (ICE)-like proteases.
Cellular Location	Golgi apparatus membrane; Single-pass type III membrane protein. Note=According to PubMed:10426319, it also exists as a soluble form which has the same biological activities The existence of such soluble form is however uncertain
Tissue Location	Widely expressed. Expressed in ovary, testis, prostate, thymus, muscle and heart, but not in small intestine, colon, lymph nodes, or peripherical blood lymphocytes. The protein is not detected in any of the above organs

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