

ARG58133 anti-EBAG9 / RCAS1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes EBAG9 / RCAS1
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	EBAG9 / RCAS1
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 31-213 of Human EBAG9.
Conjugation	Un-conjugated
Alternate Names	Cancer-associated surface antigen RCAS1; Receptor-binding cancer antigen expressed on SiSo cells; Estrogen receptor-binding fragment-associated gene 9 protein; EB9; PDAF

Application Instructions

Application table	Application	Dilution
	IHC-P	0.5 - 1 µg/ml
	WB	0.1 - 0.5 µg/ml
Application Note	IHC-P: Antigen Retrieval: Boil tissue section in 10mM Citrate buffer (pH 6.0) for 20 min followed by cooling at RT. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.025% Sodium azide and 2.5% BSA.
Preservative	0.025% Sodium azide
Stabilizer	2.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

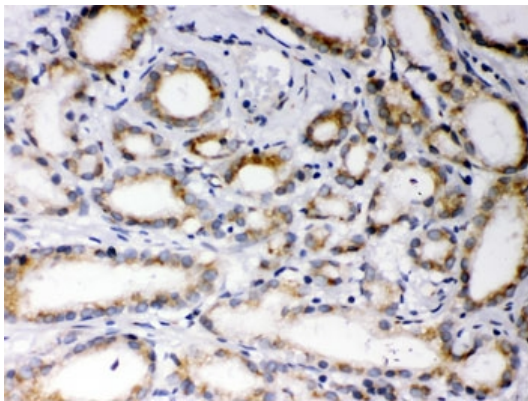
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

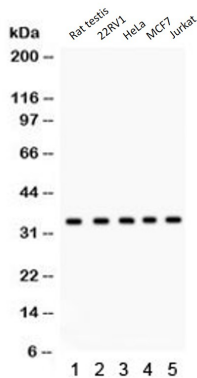
Gene Symbol	EBAG9
Gene Full Name	estrogen receptor binding site associated, antigen, 9
Background	This gene was identified as an estrogen-responsive gene. Regulation of transcription by estrogen is mediated by estrogen receptor, which binds to the estrogen-responsive element found in the 5'-flanking 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]
Function	May participate in suppression of cell proliferation and induces apoptotic cell death through activation of interleukin-1-beta converting enzyme (ICE)-like proteases. [UniProt]
Calculated Mw	24 kDa
Cellular Localization	Cytoplasmic. [UniProt]

Images



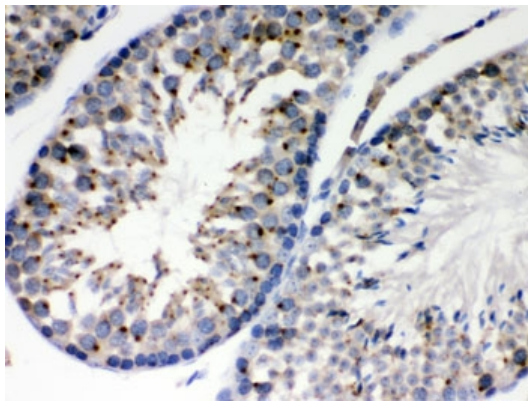
ARG58133 anti-EBAG9 / RCAS1 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human prostate cancer tissue stained with ARG58133 anti-EBAG9 / RCAS1 antibody. Antigen Retrieval: Boil tissue section in 10mM Citrate buffer (pH 6.0) for 20 min followed by cooling at RT.



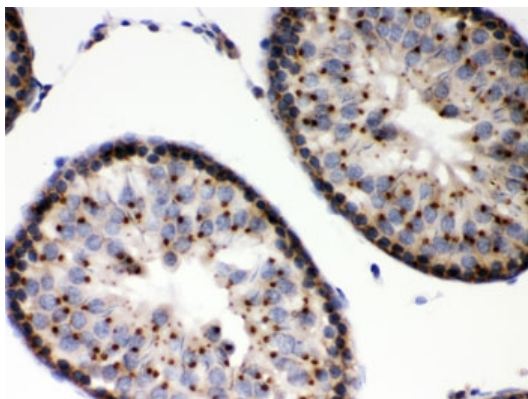
ARG58133 anti-EBAG9 / RCAS1 antibody WB image

Western blot: Rat testis, 22RV1, HeLa, MCF7 and Jurkat cell lysates stained with ARG58133 anti-EBAG9 / RCAS1 antibody.



ARG58133 anti-EBAG9 / RCAS1 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Mouse testis stained with ARG58133 anti-EBAG9 / RCAS1 antibody. Antigen Retrieval: Boil tissue section in 10mM Citrate buffer (pH 6.0) for 20 min followed by cooling at RT.



ARG58133 anti-EBAG9 / RCAS1 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Rat testis stained with ARG58133 anti-EBAG9 / RCAS1 antibody. Antigen Retrieval: Boil tissue section in 10mM Citrate buffer (pH 6.0) for 20 min followed by cooling at RT.
