

Rabbit EBAG9 Polyclonal Antibody | anti-EBAG9 antibody

EBAG9 Antibody

CATALOG # AAA326467	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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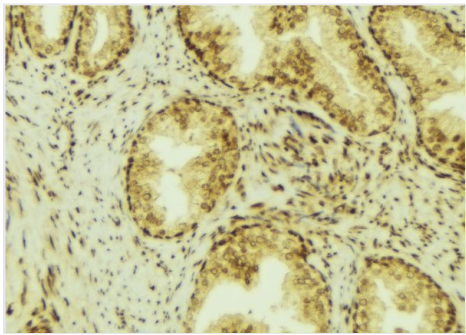
PRODUCT SYNONYMS

EBAG9; Polyclonal Antibody; EBAG9 Antibody; BAG9; Cancer associated surface antigen; Cancer associated surface antigen RCAS1; Cancer-associated surface antigen RCAS1; EB9; EBAG 9; Estrogen receptor binding fragment associated gene 9 protein; Estrogen receptor binding site associated antigen 9; estrogen receptor binding site associated; antigen; 9; Estrogen receptor-binding fragment-associated gene 9 protein; PDAF; RCAS 1; RCAS1; RCAS1_HUMAN; Receptor binding cancer antigen expressed on SiSo cells; Receptor-binding cancer antigen expressed on SiSo cells; anti-EBAG9 antibody

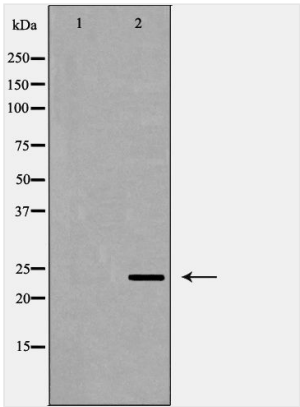
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	EBAG9 antibody detects endogenous levels of total EBAG9
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	213
Applicable Applications for anti-EBAG9 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human EBAG9
Subcellular Location	Golgi Apparatus Membrane. 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 Specificity	Widely expressed. Expressed in ovary, testis, prostate, thymus, muscle and heart, but not in small intestine, colon, lymph nodes, or peripheral blood lymphocytes. The protein is not detected in any of the above organs.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (89%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326467 at 1/100 staining Mouse colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of Hela whole cell lysates, using EBAG9 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-EBAG9 antibody	Description: 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. Function: May participate in suppression of cell proliferation and induces apoptotic cell death through activation of interleukin-1-beta converting enzyme (ICE)-like proteases. Subunit Structure: Homodimer. Similarity: The coiled coil domain is necessary for the homodimerization.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	525459422
NCBI GeneID	9166
NCBI Accession #	NP_001265867.1
NCBI GenBank Nucleotide #	NM_001278938.1
UniProt Accession #	O00559; Q5Y8C7; Q6IB20; Q9BS76; A8K3N6
Molecular Weight	Observed: 24 kDa Predicted: 25 kDa
NCBI Official Full Name	receptor-binding cancer antigen expressed on SiSo cells
NCBI Official Synonym Full Names	estrogen receptor binding site associated, antigen, 9
NCBI Official Symbol	EBAG9
NCBI Official Synonym Symbols	EB9; PDAF
NCBI Protein Information	receptor-binding cancer antigen expressed on SiSo cells
UniProt Protein Name	Receptor-binding cancer antigen expressed on SiSo cells
UniProt Gene Name	EBAG9
UniProt Synonym Gene Names	RCAS1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

