

Rabbit anti-Human EBAG9 Polyclonal Antibody | anti-EBAG9 antibody

Anti-EBAG9 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255716	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, ELISA, Western Blot

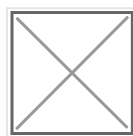
PRODUCT SYNONYMS

EBAG9; Polyclonal Antibody; Anti-EBAG9 Antibody; Rabbit Polyclonal; RCAS1/EBAG9 Antibody; Rabbit PAb; Antigen Affinity Purified; estrogen receptor binding site associated; antigen; 9; Anti-EB9 Antibody; Anti-PDAF Antibody; anti-EBAG9 antibody

PRODUCT SPECIFICATIONS

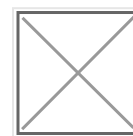
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RCAS1/EBAG9
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-EBAG9 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human RCAS1/EBAG9 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human RCAS1/EBAG9 (rh RCAS1/EBAG9). RCAS1/EBAG9 specific IgG was purified by Human RCAS1/EBAG9 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-EBAG9 rabbit polyclonal antibody at 1:500 dilution Lane A: A431 Whole Cell Lysate Lane B: MCF7 Whole Cell Lysate Lane C: THP1 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 24 kDa Observed band size: 37 kDa



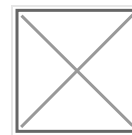
IHC (Immunohistochemistry)

Immunochemical staining of human EBAG9 in human heart with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human EBAG9 in human prostate with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human EBAG9 in human skeletal muscle with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



IP (Immunoprecipitation)

EBAG9 was immunoprecipitated using: Lane A: 0.5 mg MCF-7 Whole Cell Lysate 2 uL anti-EBAG9 rabbit polyclonal antibody and 15 uL of 50 % Protein G agarose. Primary antibody: Anti-EBAG9 rabbit polyclonal antibody, at 1:200 dilution. Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 37 kDa. Observed band size: 37 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-EBAG9 antibody	RCAS1, also known as EBAG9, is a tumor-associated antigen that is expressed at high frequency in a variety of cancers. RCAS1 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 (ERE) found in the 5'-flanking region of RCAS1 gene. Two transcript variants differing in the 5' UTR, but encoding the same protein, have been identified for RCAS1 gene. EBAG9 may participate in suppression of cell proliferation and induces apoptotic cell death through activation of interleukin-1-beta converting enzyme (ICE)-like proteases.
References	Ohshima K. et al., 2001, Clin Exp Immunol. 123 (3): 481-6. Ikeda K. et al., 2000, Biochem Biophys Res Commun. 273 (2): 654-60. Nakashima M. et al., 1999, Nat Med. 5 (8): 938-42.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8928283
NCBI GeneID	9166
UniProt Accession #	O00559; Q5Y8C7; Q6IB20; Q9BS76; A8K3N6
Molecular Weight	213
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; cancer-associated surface antigen RCAS1; estrogen receptor-binding fragment-associated gene 9 protein
UniProt Protein Name	Receptor-binding cancer antigen expressed on SiSo cells
UniProt Gene Name	EBAG9
UniProt Synonym Gene Names	RCAS1
UniProt Entry Name	RCAS1_HUMAN

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.