

EBAG9 Polyclonal Antibody | anti-EBAG9 antibody

Anti-EBAG9 Antibody

CATALOG # AAA46214	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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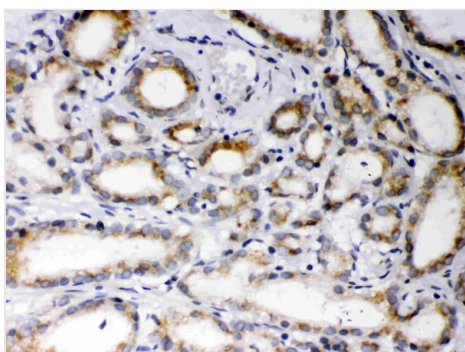
PRODUCT SYNONYMS

EBAG9; Polyclonal Antibody; Anti-EBAG9 Antibody; Receptor-binding cancer antigen expressed on SiSo cells; 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; anti-EBAG9 antibody

PRODUCT SPECIFICATIONS

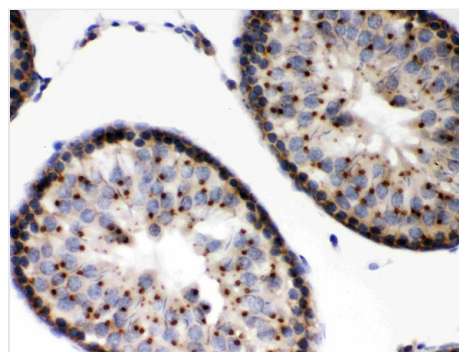
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	213
Applicable Applications for anti-EBAG9 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human EBAG9 recombinant protein (Position: R31-S213). Human EBAG9 shares 97.8% and 94.5% amino acid (aa) sequence identity with mouse and rat EBAG9, respectively.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



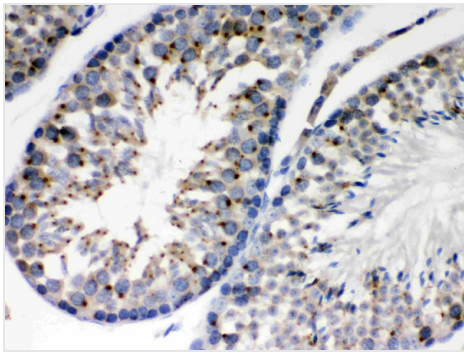
IHC (Immunohistochemistry)

Anti- EBAG9 Picoband antibody, AAA46214,IHC(P)IHC(P): Human Prostatic Cancer Tissue

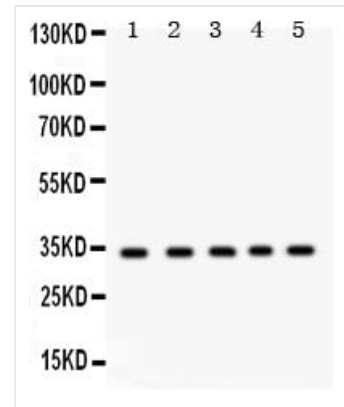


IHC (Immunohistochemistry)

Anti- EBAG9 Picoband antibody, AAA46214,IHC(P)IHC(P): Rat Testis Tissue



IHC (Immunohistochemistry)
Anti- EBAG9 Picoband antibody, AAA46214,IHC(P)IHC(P): Mouse Testis Tissue



WB (Western Blot)
Anti- EBAG9 Picoband antibody, AAA46214, Western blottingAll lanes: Anti EBAG9 (AAA46214) at 0.5ug/mlLane 1: Rat Testis Tissue Lysate at 50ugLane 2: 22RV1 Whole Cell Lysate at 40ugLane 3: HELA Whole Cell Lysate at 40ugLane 4: MCF-7 Whole Cell Lysate at 40ugLane 5: JURKAT Whole Cell Lysate at 40ugPredicted bind size: 34KDObserved bind size: 34KD

ADDITIONAL INFORMATION

Related Product Information for anti-EBAG9 antibody	Description: Rabbit IgG polyclonal antibody for Receptor-binding cancer antigen expressed on SiSo cells(EBAG9) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: Receptor-binding cancer antigen expressed on SiSo cells is a protein that in humans is encoded by the EBAG9 gene. 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. And 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.
References	1. "Entrez Gene: EBAG9 estrogen receptor binding site associated, antigen, 9". 2. Ikeda K; Sato M; Tsutsumi O et al. (2000). "Promoter analysis and chromosomal mapping of human EBAG9 gene". Biochem. Biophys. Res. Commun. 273 (2): 654-60. 3. Tsuneizumi M; Emi M; Nagai H et al. (2002). "Overrepresentation of the EBAG9 gene at 8q23 associated with early-stage breast cancers". Clin. Cancer Res. 7 (11): 3526-32.

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	29,466 Da
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
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ebag9-antibody-immunohistochemistry-western-blot-elisa/46214>