

## Rabbit EBAG9 Polyclonal Antibody | anti-EBAG9 antibody

EBAG9 Polyclonal Antibody

|                              |                       |                                        |                                                           |
|------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA36967</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

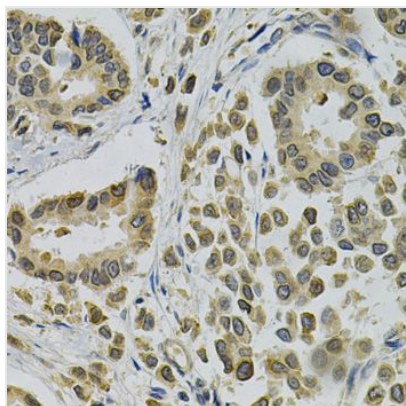
### PRODUCT SYNONYMS

EBAG9; Polyclonal Antibody; EBAG9 Polyclonal Antibody; EB9; PDAF; anti-EBAG9 antibody

### PRODUCT SPECIFICATIONS

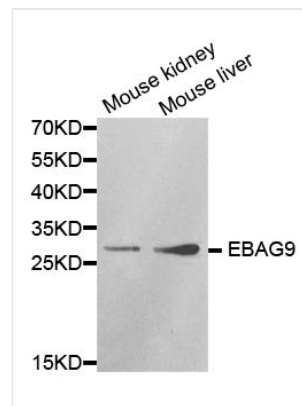
|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Isotype                                         | IgG                                                                                                                                                   |
| Purity/Purification                             | Affinity Purification                                                                                                                                 |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                                                                |
| Sequence Length                                 | 213                                                                                                                                                   |
| Applicable Applications for anti-EBAG9 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Species                                         | Human                                                                                                                                                 |
| Immunogen                                       | Recombinant Protein                                                                                                                                   |
| Immunogen                                       | Recombinant protein of human EBAG9                                                                                                                    |
| Calculated Molecular Weight                     | 24kDa                                                                                                                                                 |
| Preparation and Storage                         | Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using EBAG9 Antibody at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using EBAG9 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-EBAG9 antibody | 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. |
| Product Categories/Family for anti-EBAG9 antibody   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ebag9-antibody-immunohistochemistry-western-blot-elisa/36967>