

## Rabbit BAG5 Polyclonal Antibody | anti-BAG5 antibody

Polyclonal Antibody to BAG5

| CATALOG # | HOST   | REACTIVITY                  | APPLICATIONS                                                                                     |
|-----------|--------|-----------------------------|--------------------------------------------------------------------------------------------------|
| AAA78304  | Rabbit | Cow, Dog, Human, Mouse, Rat | Immunocytochemistry, Immunofluorescence, Immunoprecipitation, Immunohistochemistry, Western Blot |

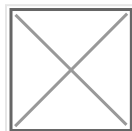
### PRODUCT SYNONYMS

BAG5; Polyclonal Antibody; Polyclonal Antibody to BAG5; KIAA0873; Bcl-2-associated athanogene 5; Antibody to BAG5; Anti-BAG5 Antibody; BAG5 Antibody; anti-BAG5 antibody

### PRODUCT SPECIFICATIONS

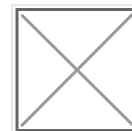
|                                                |                                                                                                                                                   |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                            |
| Reactivity                                     | Cow, Dog, Human, Mouse, Rat                                                                                                                       |
| Clonality                                      | Polyclonal                                                                                                                                        |
| Isotype                                        | IgG                                                                                                                                               |
| Purity/Purification                            | Serum                                                                                                                                             |
| Form/Format                                    | 50 ul sera                                                                                                                                        |
| Sequence Length                                | 447                                                                                                                                               |
| Applicable Applications for anti-BAG5 antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)                       |
| Immunogen Information                          | A synthetic peptide of BAG5 protein (amino acids 168-187 KKQPSLPLEDAHPSVAKIN) was used as the immunogen for this antibody                         |
| Antigen                                        | BAG5                                                                                                                                              |
| Preparation and Storage                        | Store the antibody at 4 degree C, stable for 6 months.<br>For long-term storage, store at -20 degree C.<br>Avoid repeated freeze and thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Fig: 2 Formalin-fixed, paraffin-embedded human tissues stained for BAG-5 expression using at 1: 2000. A. normal placenta. B. breast cancer. C. normal spleen. normal cervix epithelium. Hematoxylin-eosin counterstain.



#### IHC (Immunohistochemistry)

Fig: 1 Formalin-fixed, paraffin-embedded human cervical tissue stained for BAG-5 expression using at 1: 2000. A. normal cervix epithelium. B. cervical cancer. Hematoxylin-eosin counterstain.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-BAG5 antibody | The BAG proteins are a family of chaperone regulators that modulate a number of diverse processes including proliferation, survival, stress responses, tumorigenesis, neuronal differentiation, growth arrest and. BAG proteins have been characterized as co-chaperones and interact with the chaperone heat shock proteins 70, both constitutive Hsc70 and inducible Hsp70. BAG proteins bind through their BAG domain to the ATPase domain of Hsc70/Hsp70, and can modulate either positively or negatively the functions of the Hsc70/Hsp70 chaperone proteins. The BAG domain has been shown to contribute to the anti-apoptotic activity of BAG- family proteins. The anti-apoptotic activities of BAG-family proteins may be dependent on their interactions with Hsc70/Asp70 and/or binding to Bcl-2. In addition to the conserved BAG domain, BAG-family proteins also contain additional domains which enable them to interact with specific target proteins or to target them to specific locations within cells. The BAG family contains at least six family members, including BAG-1 and its various isoforms [including BAG-1S, BAG-1M (RAP46/HAP46), and BAG-1L, BAG2, BAG3 (CAIR-1; Bis, ), BAG4 (SODD), BAG5 and BAG6 (Scythe, BAT3). |
| Product Categories/Family for anti-BAG5 antibody   | <a href="#">Antibodies</a> ; <a href="#">Apoptosis</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">12643895</a>                                                 |
| NCBI GeneID                      | <a href="#">9529</a>                                                     |
| UniProt Accession #              | <a href="#">Q9UL15</a> ; <a href="#">O94950</a> ; <a href="#">Q86W59</a> |
| Molecular Weight                 | 56,027 Da                                                                |
| NCBI Official Full Name          | BAG family molecular chaperone regulator 5                               |
| NCBI Official Synonym Full Names | BCL2 associated athanogene 5                                             |
| NCBI Official Symbol             | BAG5                                                                     |
| NCBI Official Synonym Symbols    | BAG-5                                                                    |
| NCBI Protein Information         | BAG family molecular chaperone regulator 5                               |
| UniProt Protein Name             | BAG family molecular chaperone regulator 5                               |
| UniProt Gene Name                | <b>BAG5</b>                                                              |
| UniProt Synonym Gene Names       | KIAA0873; BAG-5                                                          |

**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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