

Rabbit Bag-1 Polyclonal Antibody | anti-bag-1 antibody

Polyclonal Antibody to Bag-1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78299	Rabbit	Cow, Dog, Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunoprecipitation, Immunohistochemistry, Western Blot

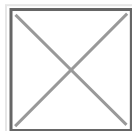
PRODUCT SYNONYMS

Bag-1; Polyclonal Antibody; Polyclonal Antibody to Bag-1; bag-1; F57B10.11; BAG family molecular chaperone regulator 1; Antibody to Bag-1; Anti-Bag-1 Antibody; Bag-1 Antibody; anti-bag-1 antibody

PRODUCT SPECIFICATIONS

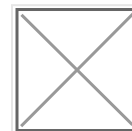
Host	Rabbit
Reactivity	Cow, Dog, Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Serum
Form/Format	50 ul sera
Sequence Length	210
Applicable Applications for anti-bag-1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Information	A synthetic peptide of Bag-1 protein (amino acids 205-219 QETERLQSTNLALAE) was used as the immunogen for this antibody
Antigen	Bag-1
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Fig: 2 Formalin-fixed, paraffin-embedded section of human colon stained for Bag-1 using at 1: 2000. Hematoxylin-eosin counterstain.



IHC (Immunohistochemistry)

Fig: 1 Formalin-fixed, paraffin-embedded sections of human colorectal cancer stained for Bag-1 using at 1: 2000. Hematoxylin-eosin counterstain. Samples from two patients (A and B) are shown. A1 and B1 are higher magnifications from A and B, respectively.

ADDITIONAL INFORMATION

Related Product Information for anti-bag-1 antibody	This antibody recognizes both BAG-1 and BAG-1 isoforms which contain the peptide immunogen sequence, including BAG-1L. Mouse BAG-1 is a 219 amino acid (aa) protein. 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). 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 apoptosis. 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.
Product Categories/Family for anti-bag-1 antibody	Antibodies ; Apoptosis

NCBI AND UNIPROT INFORMATION

NCBI GI #	74958687
NCBI GeneID	172373
UniProt Accession #	O44739
Molecular Weight	24,010 Da
NCBI Official Full Name	BAG family molecular chaperone regulator 1
NCBI Official Symbol	bag-1
NCBI Protein Information	BAG family molecular chaperone regulator 1
UniProt Protein Name	BAG family molecular chaperone regulator 1
UniProt Gene Name	bag-1

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/bag-1-antibody-immunocytochemistry-immunofluorescence-immunoprecipitation-immunohistochemistry-western-blot-elisa/78299>