

Rabbit BAG2 Polyclonal Antibody | anti-BAG2 antibody

BAG2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288809	Rabbit	Human (Predicted Reactivity: Bovine, Mouse)	Immunohistochemistry, ELISA, Western Blot

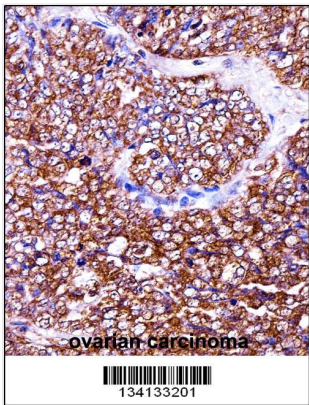
PRODUCT SYNONYMS

BAG2; Polyclonal Antibody; BAG2 Antibody (C-term); BAG family molecular chaperone regulator 2; BAG-2; Bcl-2-associated athanogene 2; anti-BAG2 antibody

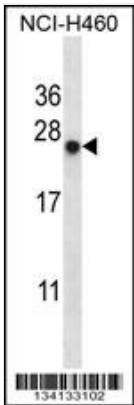
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This BAG2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 148-176 amino acids from the C-terminal region of human BAG2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	148-176
Sequence Length	211
Applicable Applications for anti-BAG2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
BAG2 Antibody (C-term) (AAA288809)immunohistochemistry analysis in formalin fixed and paraffin embedded human ovarian carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of BAG2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
BAG2 Antibody (C-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the BAG2 antibody detected the BAG2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-BAG2 antibody	BAG proteins compete with Hip for binding to the Hsc70/Hsp70 ATPase domain and promote substrate release. All the BAG proteins have an approximately 45-amino acid BAG domain near the C terminus but differ markedly in their N-terminal regions. The predicted BAG2 protein contains 211 amino acids. The BAG domains of BAG1, BAG2, and BAG3 interact specifically with the Hsc70 ATPase domain in vitro and in mammalian cells. All 3 proteins bind with high affinity to the ATPase domain of Hsc70 and inhibit its chaperone activity in a Hip-repressible manner. [provided by RefSeq].
Product Categories/Family for anti-BAG2 antibody	Cancer; Cell Biology; Metabolism; Signal transduction
References	Arndt, V., et al. Mol. Biol. Cell 16(12):5891-5900(2005) Dai, Q., et al. J. Biol. Chem. 280(46):38673-38681(2005) Ueda, K., et al. J. Biol. Chem. 279(40):41815-41821(2004) Ueda, K., et al. J. Biol. Chem. 279(40):41815-41821(2004) Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757834
NCBI GeneID	9532
NCBI Accession #	NP_004273.1
NCBI GenBank Nucleotide #	NM_004282.3
UniProt Accession #	O95816; Q08AS9; Q6FID0; B4DXE2
Molecular Weight	23772
NCBI Official Full Name	BAG family molecular chaperone regulator 2
NCBI Official Synonym Full Names	BCL2-associated athanogene 2
NCBI Official Symbol	BAG2
NCBI Official Synonym Symbols	BAG-2; dJ41711.2

NCBI Protein Information	BAG family molecular chaperone regulator 2
UniProt Protein Name	BAG family molecular chaperone regulator 2
UniProt Gene Name	BAG2
UniProt Synonym Gene Names	BAG-2
UniProt Entry Name	BAG2_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/bag2-antibody-immunohistochemistry-western-blot-elisa/288809>