

Rabbit BAG2 Polyclonal Antibody | anti-BAG2 antibody

BAG2 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199061	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

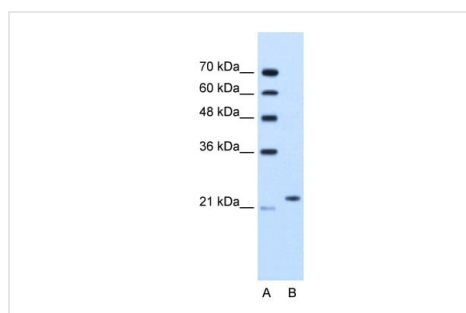
PRODUCT SYNONYMS

BAG2; Polyclonal Antibody; BAG2 antibody - C-terminal region; anti-BAG2 antibody

PRODUCT SPECIFICATIONS

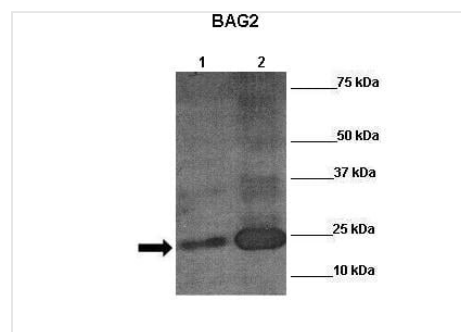
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VD QKFQSVIGC ALEDQKKIKR RLETLLRNIE NSDKAIKLE HSKGAGSK
Sequence Length	211
Applicable Applications for anti-BAG2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human BAG2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



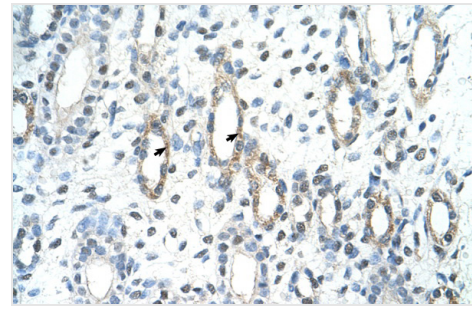
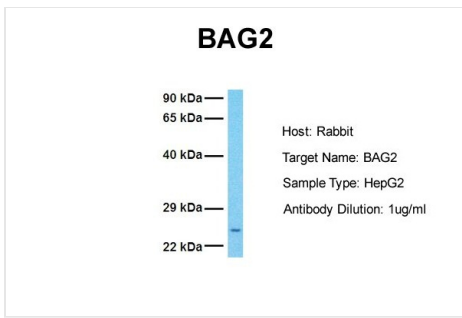
WB (Western Blot)

WB Suggested Anti-BAG2 Antibody Titration: 1.25ug/ml Positive Control: Jurkat cell lysate BAG2 is supported by BioGPS gene expression data to be expressed in Jurkat



WB (Western Blot)

Sample Type : Lane 1: 20ug untransfected human Saos2 cells Lane 2: 20ug siRUVBL transfected human Saos2 cells Primary Antibody Dilution : 1:1000 Secondary Antibody: Anti-rabbit-HRP Secondary Antibody Dilution: 1:3000 Color/Signal Descriptions: BAG2 Gene Name: Wenwei Hu, Xuetian Yue, Rutgers Cancer Institute of New Jersey. Submitted by:



WB (Western Blot)

Host: Rabbit Target Name: BAG2 Sample Tissue: Human HepG2 Antibody Dilution: 1.0ug/ml

IHC (Immunohistochemistry)

Rabbit Anti-BAG2 Antibody Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-BAG2 antibody

This is a rabbit polyclonal antibody against BAG2. It was validated on Western Blot and immunohistochemistry

Target Description: 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. 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.

Product Categories/Family for anti-BAG2 antibody

[Polyclonal](#); [Drugs and Drug Metabolism](#); [DNA/RNA/Protein Interactions](#); [Tissue Specific & Cell Marker](#); [Immunohistochemistry](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757834
NCBI GeneID	9532
NCBI Accession #	NP_004273
NCBI GenBank Nucleotide #	NM_004282
UniProt Accession #	O95816
Molecular Weight	23kDa
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-western-blot-immunohistochemistry-elisa/199061>