

BAG2 Polyclonal Antibody | anti-BAG2 antibody

Anti-BAG2 Antibody

CATALOG # AAA46587	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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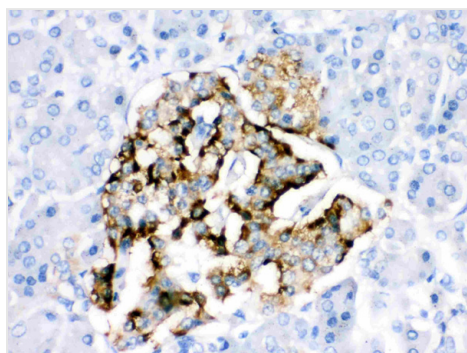
PRODUCT SYNONYMS

BAG2; Polyclonal Antibody; Anti-BAG2 Antibody; BAG family molecular chaperone regulator 2; BAG 2; BAG-2; BAG-family molecular chaperone regulator-2; Bag2; BAG2_HUMAN; BCL 2 associated athanogene 2; Bcl-2-associated athanogene 2; BCL2 associated athanogene 2; BCL2-associated athanogene 2; dJ41711.2 (BAG family molecular chaperone regulator 2); dJ41711.2; KIAA0576; MGC149462; OTTHUMP00000016668 antibody; anti-BAG2 antibody

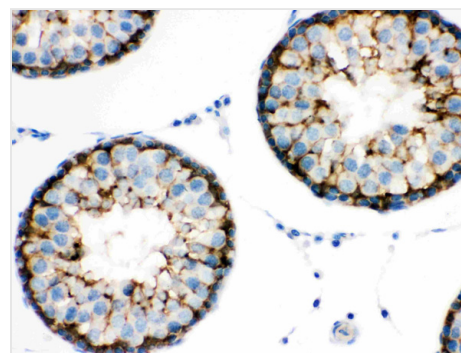
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	211
Applicable Applications for anti-BAG2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human BAG2 recombinant protein (Position: M1-N211). Human BAG2 shares 93.4% amino acid (aa) sequence identity with mouse BAG2.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

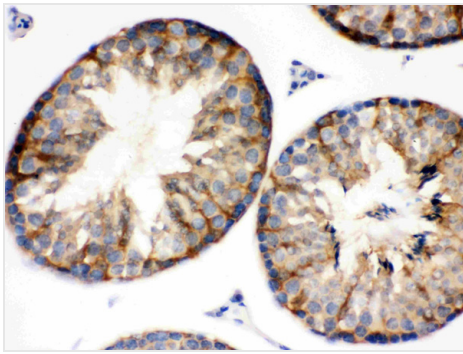
IMAGES



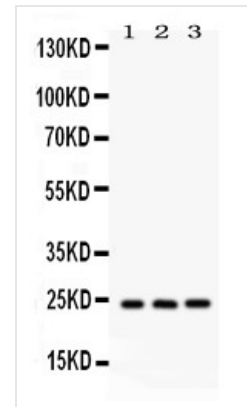
IHC (Immunohistochemistry)
Anti- BAG2 Picoband antibody, AAA46587,IHC(P)IHC(P): Human Pancreatic Cancer Tissue



IHC (Immunohistochemistry)
Anti- BAG2 Picoband antibody, AAA46587,IHC(P)IHC(P): Rat Testis Tissue



IHC (Immunohistochemistry)
Anti- BAG2 Picoband antibody, AAA46587,IHC(P)IHC(P): Mouse Testis Tissue



WB (Western Blot)
Anti- BAG2 Picoband antibody, AAA46587, Western blottingAll lanes: Anti BAG2 (AAA46587) at 0.5ug/mlLane 1: Rat Testis Tissue Lysate at 50ugLane 2: HELA Whole Cell Lysate at 40ugLane 3: A549 Whole Cell Lysate at 40ugPredicted bind size: 24KDObserved bind size: 24KD

ADDITIONAL INFORMATION

Related Product Information for anti-BAG2 antibody	Description: Rabbit IgG polyclonal antibody for BAG family molecular chaperone regulator 2(BAG2) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: BAG family molecular chaperone regulator 2 is a protein that in humans is encoded by the BAG2 gene. 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. The functional antagonisms displayed between BAG family proteins and Hip suggest that a proper balance of these 2 types of protein is required for achieving optimal cycles of substrate binding and release required for inducing conformational changes in proteins, with Hip promoting peptide substrate binding by Hsc70/Hsp70 and BAG family proteins promoting dissociation.
References	1. Takayama S, Xie Z, Reed JC (Feb 1999). "An evolutionarily conserved family of Hsp70/Hsc70 molecular chaperone regulators". J Biol Chem 274 (2): 781-6. 2. "Entrez Gene: BAG2 BCL2-associated athanogene 2".

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	20,189 Da
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/bag2-antibody-immunohistochemistry-western-blot-elisa/46587>