

Rabbit anti-Human, Mouse BAG2 Polyclonal Antibody | anti-BAG2 antibody

Rabbit anti-BAG2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212910	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

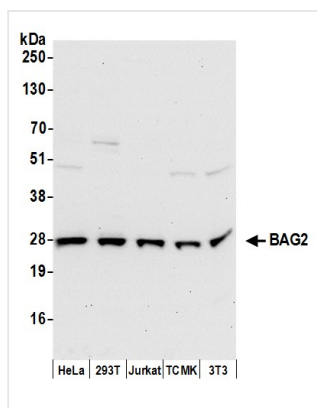
PRODUCT SYNONYMS

BAG2; Polyclonal Antibody; Rabbit anti-BAG2 Antibody; Affinity Purified; dJ41711.2; bcl-2-associated athanogene 2; BAG family molecular chaperone regulator 2; dJ41711.2 (BAG-family molecular chaperone regulator 2); BAG-2; BCL2 associated athanogene 2; anti-BAG2 antibody

PRODUCT SPECIFICATIONS

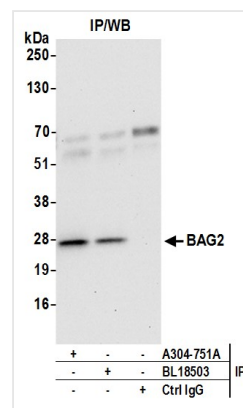
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-BAG2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse BAG2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-BAG2 antibody AAA212910 (lot AAA212910-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human BAG2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-BAG2 antibody AAA212910 (lot AAA212910-1) used for IP at 6 ug per reaction. BAG2 was also immunoprecipitated by rabbit anti-BAG2 antibody BL18503. For blotting immunoprecipitated BAG2, AAA212910 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-BAG2 antibody	BAG (Bcl-2-associated athanogene) 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 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 [taken from NCBI Entrez Gene (Gene ID: 9532)].
Product Categories/Family for anti-BAG2 antibody	Primary Antibodies

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; BAG-family molecular chaperone regulator-2; bcl-2-associated athanogene 2; dJ41711.2 (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-immunoprecipitation-western-blot-elisa/212910>