

Product datasheet for **TA346589**

BAG3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-BAG3 antibody: synthetic peptide directed towards the middle region of human BAG3. Synthetic peptide located within the following region: NVTRPAAQPSFHQAQKTHYPAQQGEYQTHQPVYHKKIQGDDWEPRPLRAAS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	61 kDa
Gene Name:	BCL2 associated athanogene 3
Database Link:	NP_004272 Entrez Gene 9531 Human O95817



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Background: 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 protein encoded by this gene contains a WW domain in the N-terminal region and a BAG domain in the C-terminal region. 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, Jul 2008]

Synonyms: BAG-3; BIS; CAIR-1; MFM6

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Horse: 93%

Protein Families: Druggable Genome

Product images:



WB Suggested Anti-BAG3 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: HT1080 cell lysate. BAG3 is supported by BioGPS gene expression data to be expressed in HT1080