

**BAG3 / BAG-3 Antibody (C-Terminus)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS13069****Specification**

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**BAG3 / BAG-3 Antibody (C-Terminus) - Product Information**

Application	IHC
Primary Accession	<a href="#">O95817</a>
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	62kDa KDa

**BAG3 / BAG-3 Antibody (C-Terminus) - Additional Information****Gene ID** 9531**Other Names**

BAG family molecular chaperone regulator 3, BAG-3, Bcl-2-associated athanogene 3, Bcl-2-binding protein Bis, Docking protein CAIR-1, BAG3, BIS

**Target/Specificity**

Human BAG3.

**Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

**Precautions**

BAG3 / BAG-3 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**BAG3 / BAG-3 Antibody (C-Terminus) - Protein Information****Name** BAG3**Synonyms** BIS**Function**

Co-chaperone for HSP70 and HSC70 chaperone proteins. Acts as a nucleotide-exchange factor (NEF) promoting the release of ADP from the HSP70 and HSC70 proteins thereby triggering client/substrate protein release. Nucleotide release is mediated via its binding to the nucleotide-binding domain (NBD) of HSPA8/HSC70 where as the substrate release is mediated via its binding to the substrate-binding domain (SBD) of HSPA8/HSC70 (PubMed:<a href="http://www.uniprot.org/citations/27474739" target="\_blank">27474739</a>, PubMed:<a href="http://www.uniprot.org/citations/9873016" target="\_blank">9873016</a>). Has anti-apoptotic activity (PubMed:<a href="http://www.uniprot.org/citations/10597216" target="\_blank">10597216</a>). Plays a role in the HSF1 nucleocytoplasmic transport (PubMed:<a href="http://www.uniprot.org/citations/26159920" target="\_blank">26159920</a>).

### Cellular Location

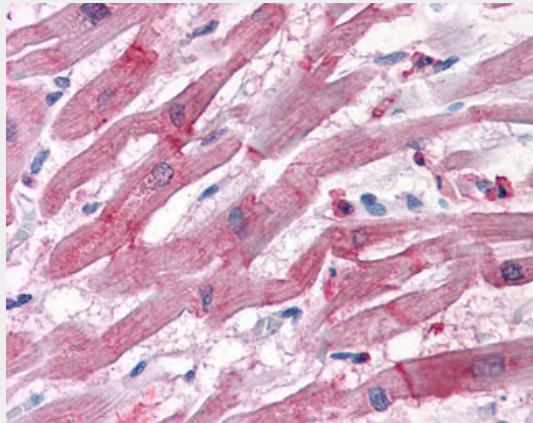
Nucleus. Cytoplasm. Note=Colocalizes with HSF1 to the nucleus upon heat stress  
(PubMed:26159920)

### BAG3 / BAG-3 Antibody (C-Terminus) - Protocols

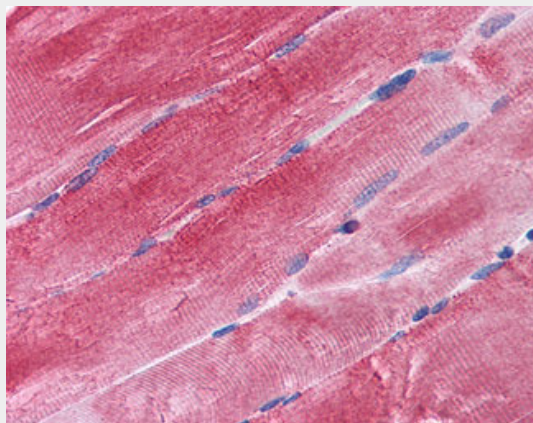
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### BAG3 / BAG-3 Antibody (C-Terminus) - Images



Anti-BAG3 antibody IHC of human heart.



Anti-BAG3 antibody IHC of human skeletal muscle.

### BAG3 / BAG-3 Antibody (C-Terminus) - Background

Inhibits the chaperone activity of HSP70/HSC70 by promoting substrate release. Has anti-apoptotic activity.

**BAG3 / BAG-3 Antibody (C-Terminus) - References**

- Takayama S., et al. J. Biol. Chem. 274:781-786(1999).  
Lee J.H., et al. Oncogene 18:6183-6190(1999).  
Doong H., et al. Oncogene 19:4385-4395(2000).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Bechtel S., et al. BMC Genomics 8:399-399(2007).