

**Bag-3 Polyclonal Antibody**  
Catalog # AP73727**Specification****Bag-3 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O95817</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

**Bag-3 Polyclonal Antibody - Additional Information****Gene ID** 9531**Other Names**

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

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**Bag-3 Polyclonal Antibody - 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**

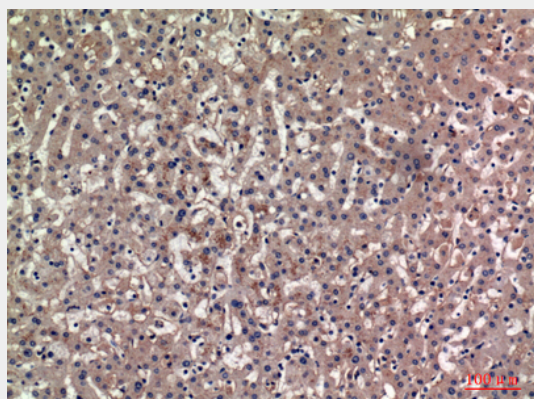
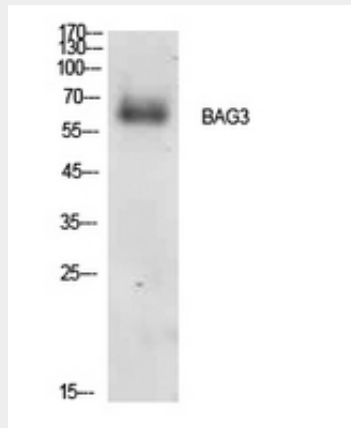
Nucleus. Cytoplasm. Note=Colocalizes with HSF1 to the nucleus upon heat stress  
(PubMed:26159920)

### Bag-3 Polyclonal Antibody - 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](#)

### Bag-3 Polyclonal Antibody - Images



### Bag-3 Polyclonal Antibody - Background

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