

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

Bag-3 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	O95817
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:9873016, PubMed:27474739). Has anti-apoptotic activity (PubMed:10597216). Plays a role in the HSF1 nucleocytoplasmic transport (PubMed:26159920).

Cellular Location

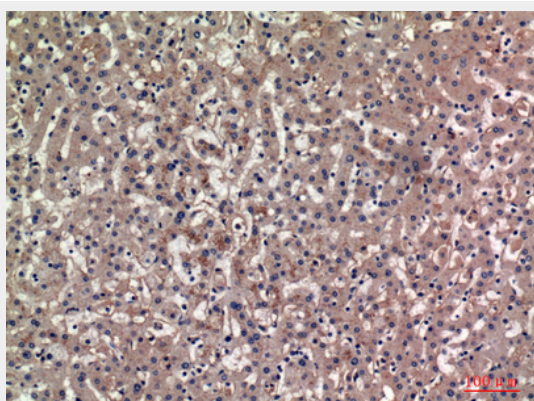
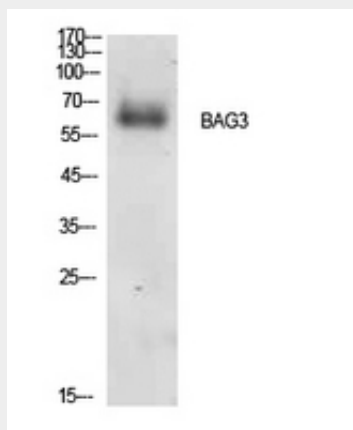
Nucleus. Cytoplasm. Note=Colocalizes with HSF1 to the nucleus upon heat stress
(PubMed:26159920)

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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