

ARG41481 anti-BAG3 antibody

Package: 100 µl
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes BAG3 |
| Tested Reactivity | Hu, Ms, Rat |
| Tested Application | IHC-P, WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | BAG3 |
| Species | Human |
| Immunogen | Recombinant fusion protein corresponding to aa. 380-575 of Human BAG3 (NP_004272.2). |
| Conjugation | Un-conjugated |
| Alternate Names | BAG-3; BIS; CAIR-1; Bcl-2-binding protein Bis; BAG family molecular chaperone regulator 3; MFM6; Docking protein CAIR-1; Bcl-2-associated athanogene 3 |

Application Instructions

| | | |
|-------------------|--|----------------|
| Application table | Application | Dilution |
| | IHC-P | 1:50 - 1:100 |
| | WB | 1:500 - 1:2000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | A549 | |
| Observed Size | ~ 80 kDa | |

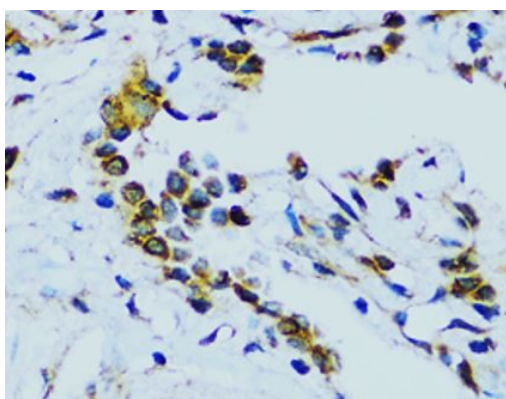
Properties

| | |
|---------------------|---|
| Form | Liquid |
| Purification | Affinity purified. |
| Buffer | PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

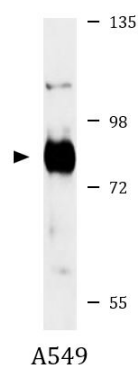
| | |
|-----------------------|--|
| Gene Symbol | BAG3 |
| Gene Full Name | BCL2-associated athanogene 3 |
| Background | BAG proteins compete with Hip for binding to the Hsc70/Hsp70 ATPase domain and promote substrate release. All the BAG proteins have an approximately 45-amino acid BAG domain near 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] |
| Function | Inhibits the chaperone activity of HSP70/HSC70 by promoting substrate release. Has anti-apoptotic activity. [UniProt] |
| Calculated Mw | 62 kDa |
| Cellular Localization | Nucleus. Cytoplasm. Note=Colocalizes with HSF1 to the nucleus upon heat stress (PubMed:26159920). [UniProt] |

Images



ARG41481 anti-BAG3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung tissue stained with ARG41481 anti-BAG3 antibody at 1:100 dilution.



ARG41481 anti-BAG3 antibody WB image

Western blot: 25 µg of A549 cell lysate stained with ARG41481 anti-BAG3 antibody at 1:1000 dilution.