

BAG3 Polyclonal Antibody

Catalog Number:E-AB-65122

Note: Centrifuge before opening to ensure complete recovery of vial contents.

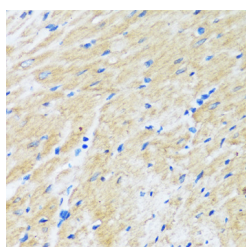
Description

| | |
|---------------------|---|
| Reactivity | Human,Mouse,Rat |
| Immunogen | Recombinant fusion protein of human BAG3 (NP_004272.2). |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Formulation | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

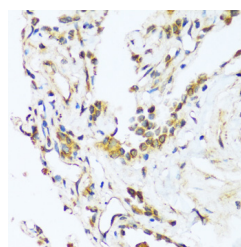
Applications Recommended Dilution

| | |
|------------|------------|
| IHC | 1:50-1:100 |
|------------|------------|

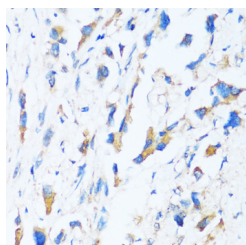
Data



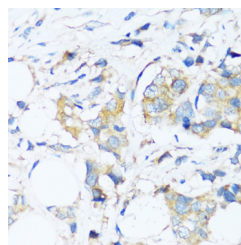
Immunohistochemistry of paraffin-embedded Rat heart using BAG3 Polyclonal Antibody at dilution of 1:100 (40x lens).



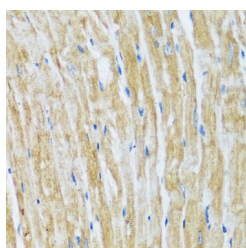
Immunohistochemistry of paraffin-embedded Human lung using BAG3 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human lung cancer using BAG3 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human breast cancer using BAG3 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse heart using BAG3 Polyclonal Antibody at dilution of 1:100 (40x lens).

For Research Use Only

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Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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.

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