

Product datasheet for **TA322773S**

BAG3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse heart tissue lysate IHC: 40-200 Positive control: Human cervical cancer Predicted cell location: Cytoplasm or Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 200 amino acids of human BCL2-associated athanogene 3
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	62 kDa
Gene Name:	BCL2 associated athanogene 3
Database Link:	NP_004272 Entrez Gene 29810 Mouse Entrez Gene 9531 Human O95817



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Background:

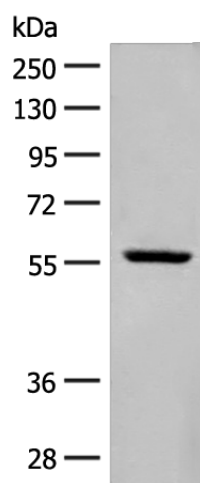
BAG proteins compete with Hip for binding to the Hsc70/Hsp70 ATPase domain and promote substrate release. All the BAG proteins have an approximately 45-amino acid BAG domain near the C terminus but differ markedly in their N-terminal regions. The protein encoded by this gene contains a WW domain in the 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.

Synonyms:

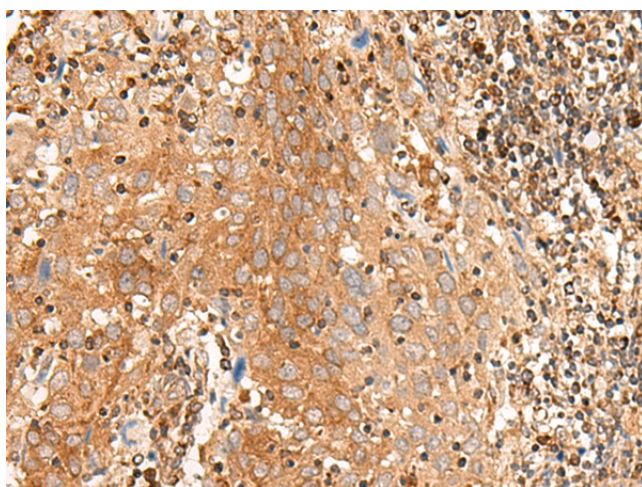
BAG-3; BIS; CAIR-1; MFM6

Protein Families:

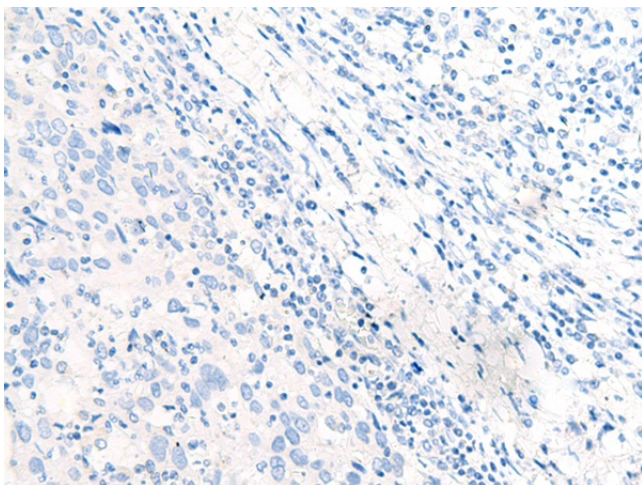
Druggable Genome

Product images:

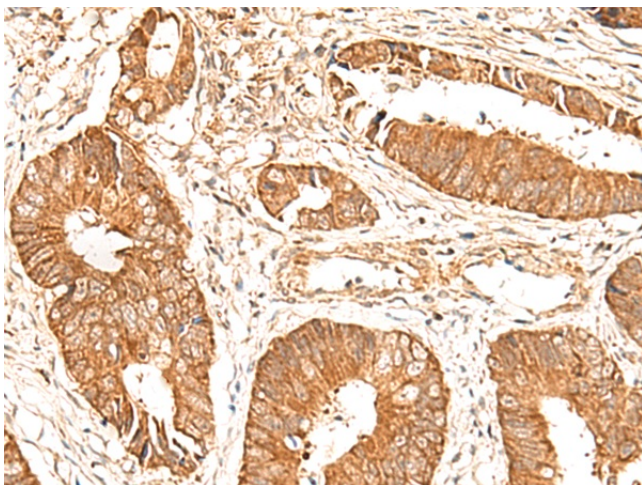
Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane: Mouse heart tissue lysate
Primary antibody: [TA322773] (BAG3 Antibody) at dilution 1/250
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 20 seconds



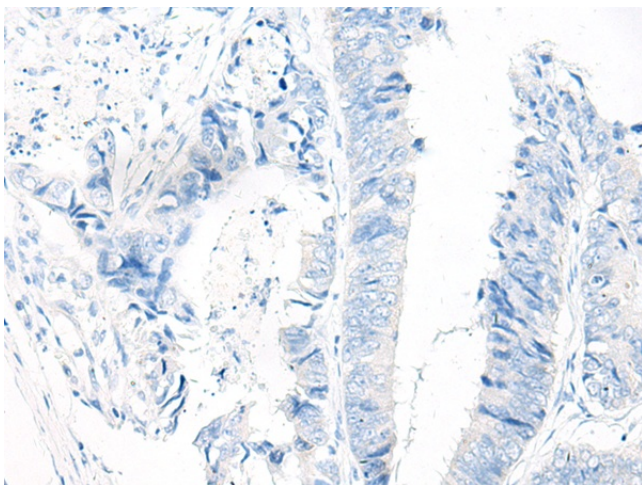
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA322773] (BAG3 Antibody) at dilution 1/35 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA322773] (BAG3 Antibody) at dilution 1/35, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA322773] (BAG3 Antibody) at dilution 1/35 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA322773] (BAG3 Antibody) at dilution 1/35, treated with fusion protein. (Original magnification: $\times 200$)