

Product datasheet for **TA322772**

BAG3 Rabbit Polyclonal Antibody

Product data:

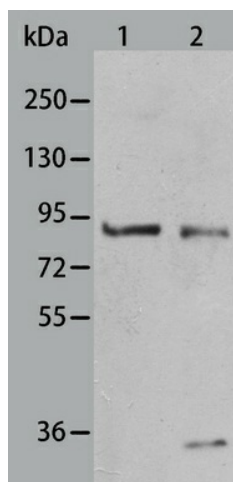
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1:1000-2000, WB: 1:500-2000, IHC: 1:15-50
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 200 amino acids of human BCL2-associated athanogene 3
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
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 293524 Rat Entrez Gene 9531 Human O95817
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



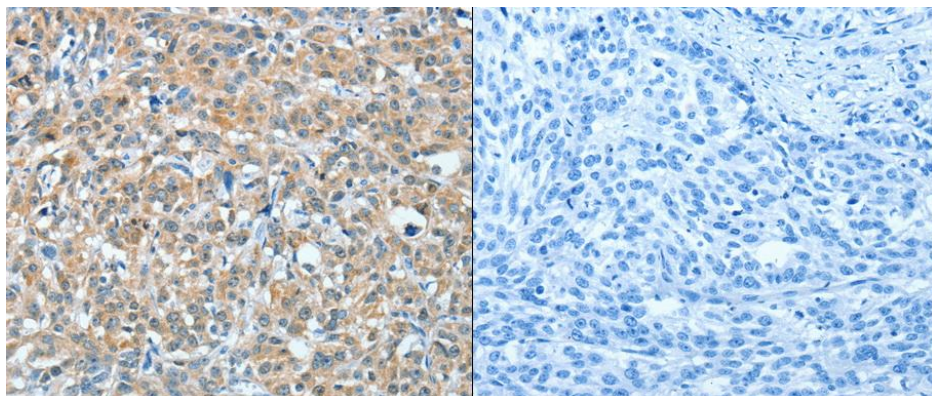
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Protein Families: Druggable Genome

Product images:



Predicted band size: 62kDa. Positive control: Mouse muscle tissue and K562 cell lysate. Recommended dilution: 1/500-2000. (Gel: 8%SDS-PAGE Lane 1: Mouse muscle tissue lysate Lane 2: K562 cell lysate Lysates: 40 ug per lane Primary antibody: 1/350 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/8000 dilution Exposure time: 20 seconds)



Predicted cell location: Cytoplasm. Positive control: Human esophagus cancer tissue. Recommended dilution: 1/15-50 The image on the left is immunohistochemistry of paraffin-embedded human esophagus cancer tissue using BAG3 antibody at dilution 1/20, on the right is treated with the fusion protein. (Original magnification:x200)