ARG63391
anti-BAG3 antibody

Package: 100 µg, 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes BAG3
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	BAG3
Species	Human
Immunogen	C-SSMTDTPGNPAAP
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	3 - 5 µg/ml
WB	0.3 - 1 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

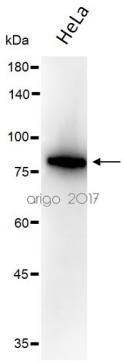
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. 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

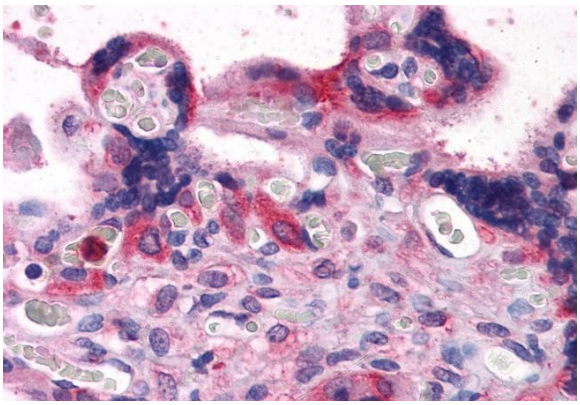
Database links	GeneID: 9531 Human Swiss-port # O95817 Human
Background	BAG proteins compete with Hip for binding to the Hsc70/Hsp70 ATPase domain and promote substrate release. All the BAG proteins have an approximately 45-amino acid BAG domain near the C terminus but differ markedly in their N-terminal 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]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Cell Death antibody; Metabolism antibody
Calculated Mw	62 kDa

Images



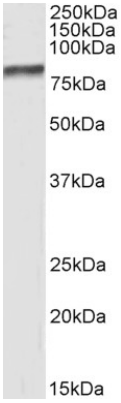
ARG63391 anti-BAG3 antibody WB image

Western blot: 30 µg of HeLa cell lysate stained with ARG63391 anti-BAG3 antibody at 1:1000 dilution.



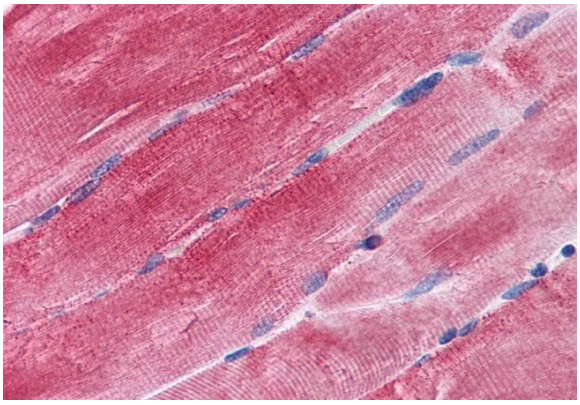
ARG63391 anti-BAG3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human placenta tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63391 anti-BAG3 antibody at 3.75 µg/ml dilution followed by AP-staining.



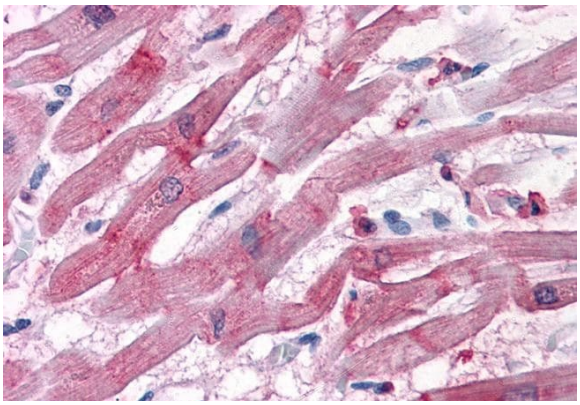
ARG63391 anti-BAG3 antibody WB image

Western blot: 35 µg of MCF7 cell lysate (in RIPA buffer) stained with ARG63391 anti-BAG3 antibody at 0.5 µg/ml dilution and incubated at RT for 1 hour.



ARG63391 anti-BAG3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human skeletal muscle tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63391 anti-BAG3 antibody at 3.75 µg/ml dilution followed by AP-staining.



ARG63391 anti-BAG3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human heart tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63391 anti-BAG3 antibody at 3.75 µg/ml dilution followed by AP-staining.