

## ARG55432 anti-BAG2 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes BAG2
Tested Reactivity	Hu
Predict Reactivity	Ms, Bov
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	BAG2
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 148-176 (C-terminus) of Human BAG2.
Conjugation	Un-conjugated
Alternate Names	BAG family molecular chaperone regulator 2; dJ41711.2; Bcl-2-associated athanogene 2; BAG-2

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:10 - 1:50
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	NCI-H460	

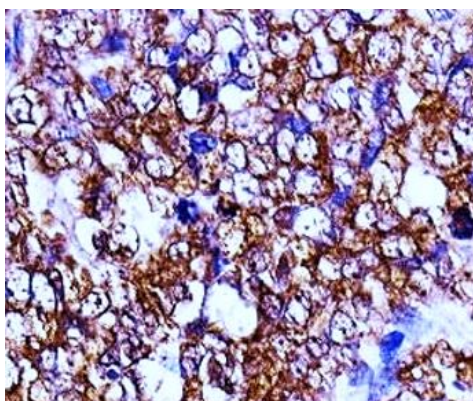
### Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
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

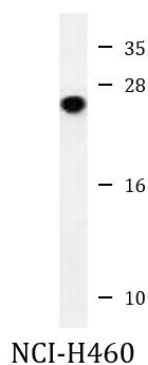
Database links	<a href="#">GeneID: 9532 Human</a> <a href="#">Swiss-port # O95816 Human</a>
Gene Symbol	BAG2
Gene Full Name	BCL2-associated athanogene 2
Background	BAG proteins compete with Hip for binding to the Hsc70/Hsp70 ATPase domain and promote substrate release. All the BAG proteins have an approximately 45-amino acid BAG domain near the C terminus but differ markedly in their N-terminal regions. The predicted BAG2 protein contains 211 amino acids. 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. [UniProt]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Cell Death antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	24 kDa

## Images



ARG55432 anti-BAG2 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human ovarian carcinoma stained with ARG55432 anti-BAG2 antibody.



ARG55432 anti-BAG2 antibody WB image

Western blot: 35 µg of NCI-H460 cell lysate stained with ARG55432 anti-BAG2 antibody.