ELK Biotechnology

Bag-1 rabbit pAb

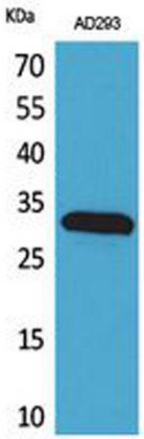
Cat No.:ES4090

For research use only

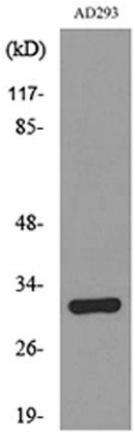
Overview

Product Name	Bag-1 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human BAG1. AA range:41-90
Specificity	Bag-1 Polyclonal Antibody detects endogenous levels of Bag-1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	BAG family molecular chaperone regulator 1
Gene Name	BAG1
Cellular localization	[Isoform 1]: Nucleus. Cytoplasm. Isoform 1 localizes predominantly to the nucleus.; [Isoform 2]: Cytoplasm. Nucleus. Isoform 2 localizes to the cytoplasm and shuttles into the nucleus in response to heat shock.; [Isoform 4]: Cytoplasm. Nucleus. Isoform 4
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	35kD
Human Gene ID	573
Human Swiss-Prot Number	Q99933
Alternative Names	BAG1; HAP; BAG family molecular chaperone regulator 1; BAG-1; Bcl-2-associated athanogene 1
Background	The oncogene BCL2 is a membrane protein that

blocks a step in a pathway leading to apoptosis or programmed cell death. The protein encoded by this gene binds to BCL2 and is referred to as BCL2-associated athanogene. It enhances the anti-apoptotic effects of BCL2 and represents a link between growth factor receptors and anti-apoptotic mechanisms. Multiple protein isoforms are encoded by this mRNA through the use of a non-AUG (CUG) initiation codon, and three alternative downstream AUG initiation codons. A related pseudogene has been defined on chromosome X. [provided by RefSeq, Feb 2010],



Western Blot analysis of AD293 cells using Bag-1 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysate from AD293 cells, using BAG1 Antibody.

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