BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Bag-4 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00820
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from the C-terminal region of human Bag-4.
Mol wt	49594
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Bag-4 Antibody
Synonyms	BAG4; SODD; BAG family molecular chaperone regulator 4; BAG-4; Bcl-2-associated athanogene 4; Silencer of death domains

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by BAG4 is a member of the BAG1-related protein family. BAG1 is an anti-apoptotic protein that functions through interactions with a variety of cell apoptosis and growth related proteins including BCL-2, Raf-protein kinase, steroid hormone receptors, growth factor receptors and members of the heat shock protein 70 kDa family. This protein contains a BAG domain near the C-terminus, which could bind and inhibit the chaperone activity of Hsc70/Hsp70. This protein (BCL2 associated athanogene 4) was found to be associated with the death domain of tumor necrosis factor receptor type 1 (TNF-R1) and death receptor-3 (DR3), and thereby negatively regulates downstream cell death signaling. The regulatory role of this protein in cell death was demonstrated in epithelial cells which undergo apoptosis while integrin mediated matrix contacts are lost. Alternatively spliced transcript variants encoding distinct isoforms have been identified.

Recommended Dilution

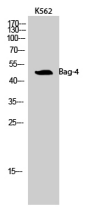
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

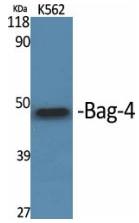
ELISA: 1: 40000

Not yet tested in other applications.

Images



Western Blot analysis of K562 cells using Bag-4 Polyclonal Antibody



Western Blot analysis of various cells using Bag-4 Polyclonal Antibody

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com