

Bag-4 Polyclonal Antibody

Description

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|--------------------------------|---|
| 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

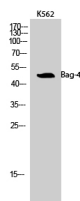
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

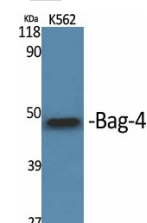
ELISA: 1: 40000

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

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