

BAG4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP16332b

Specification

BAG4 Antibody (C-term) - Product Information

Application WB,E
Primary Accession Other Accession OSCI61,

NP 004865.1

Reactivity
Predicted
Host
Clonality
Isotype
Calculated MW
Antigen Region

Human
Mouse
Rabbit
Polyclonal
Rabbit Ig
49594
381-409

BAG4 Antibody (C-term) - Additional Information

Gene ID 9530

Other Names

BAG family molecular chaperone regulator 4, BAG-4, Bcl-2-associated athanogene 4, Silencer of death domains, BAG4, SODD

Target/Specificity

This BAG4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 381-409 amino acids from the C-terminal region of human BAG4.

Dilution

WB~~1:1000

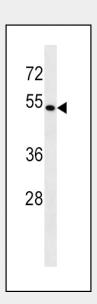
Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

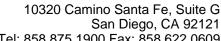
Precautions



BAG4 Antibody (C-term) (Cat. #AP16332b) western blot analysis in Hela cell line lysates (35ug/lane). This demonstrates the BAG4 antibody detected the BAG4 protein (arrow).

BAG4 Antibody (C-term) - Background

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 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





Tel: 858.875.1900 Fax: 858.622.0609

BAG4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

BAG4 Antibody (C-term) - Protein Information

Name BAG4

Synonyms SODD

Function

Inhibits the chaperone activity of HSP70/HSC70 by promoting substrate release (By similarity). Prevents constitutive TNFRSF1A signaling. Negative regulator of PRKN translocation to damaged mitochondria.

Cellular Location Cytoplasm.

Tissue Location Ubiquitous.

BAG4 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

this protein in cell death was demonstrated in epithelial cells which undergo apoptosis while integrin mediated matrix contacts are lost.

BAG4 Antibody (C-term) - References

Bailey, S.D., et al. Diabetes Care (2010) In press:

Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)

Tao, H.F., et al. Zhongguo Shi Yan Xue Ye Xue Za Zhi 15(3):501-505(2007)

Riley, B.M., et al. Am. J. Med. Genet. A 143A (8), 846-852 (2007):

Yang, Z.Q., et al. Cancer Res. 66(24):11632-11643(2006)