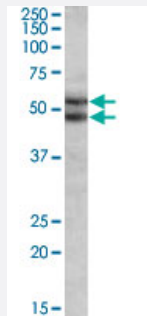


# BAG5 polyclonal antibody

Catalog # PAB6189

Size 100 ug

## Applications



### Western Blot (Cell lysate)

BAG5 polyclonal antibody (Cat # PAB6189)(2 ug/mL) staining of nuclear HeLa lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Specification

**Product Description** Goat polyclonal antibody raised against synthetic peptide of BAG5.

**Immunogen** A synthetic peptide corresponding to N-terminus of human BAG5.

**Sequence** DMGNQHPSISRLQ-C

**Host** Goat

**Theoretical MW (kDa)** 56, 51.2

**Reactivity** Human

**Form** Liquid

**Purification** Antigen affinity purification

**Concentration** 0.5 mg/mL

**Recommend Usage** ELISA (1:64000)  
Western blot (1-3 ug/mL)  
The optimal working dilution should be determined by the end user.

**Storage Buffer** In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

**Storage Instruction**

Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

BAG5 polyclonal antibody (Cat # PAB6189)(2 ug/mL) staining of nuclear HeLa lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — BAG5

**Entrez GeneID**[9529](#)**Protein Accession#**[NP\\_001015049.1;NP\\_004864.1;NP\\_001015048.1](#)**Gene Name**

BAG5

**Gene Alias**

BAG-5

**Gene Description**

BCL2-associated athanogene 5

**Omim ID**[603885](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene 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. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations**

BAG-family molecular chaperone regulator-5

## Publication Reference

- [An evolutionarily conserved family of Hsp70/Hsc70 molecular chaperone regulators.](#)

Takayama S, Xie Z, Reed JC.

The Journal of Biological Chemistry 1999 Jan; 274(2):781.

## Disease

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