BAG5 polyclonal antibody

Catalog # PAB7384 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of BAG5.
Immunogen	A synthetic peptide corresponding to human BAG5.
Sequence	C-DGNRTDKNYIR
Host	Goat
Theoretical MW (kDa)	56.0, 51.2
Specificity	This antibody is expected to recognize reported isoforms a (NP_001015049.1) and b (NP_001015048.1, NP_004864.1).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:16000) 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

- Enzyme-linked Immunoabsorbent Assay

Gene Info — BAG5

Entrez GeneID	9529
Protein Accession#	NP_001015048.1;NP_001015049.1;NP_004864.1
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

- BAG5 inhibits parkin and enhances dopaminergic neuron degeneration.

  Kalia SK, Lee S, Smith PD, Liu L, Crocker SJ, Thorarinsdottir TE, Glover JR, Fon EA, Park DS, Lozano AM.

  Neuron 2004 Dec; 44(6):931.

  Application: IF, IHC, WB, Human, Mouse, Brains, HEK 293T, SH-SY5Y cells

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Head and Neck Neoplasms
- Neoplasm Recurrence

- Neoplasms