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BAG5 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant BAG5.
Catalog # AT1263a

Product Information

Application	WB
Primary Accession	Q9UL15
Other Accession	BC050551
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	2E3
Calculated MW	51200

Additional Information

Gene ID	9529
Other Names	BAG family molecular chaperone regulator 5, BAG-5, Bcl-2-associated athanogene 5, BAG5, KIAA0873
Target/Specificity	BAG5 (AAH50551, 1 a.a. ~ 447 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	BAG5 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

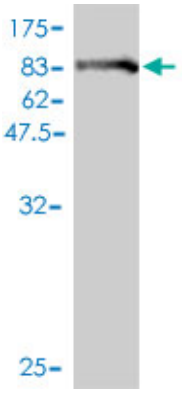
Background

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.

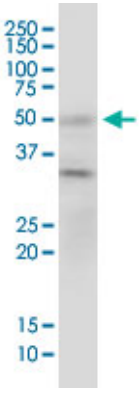
References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732.Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560.BAG5 inhibits parkin and enhances dopaminergic neuron degeneration. Kalia SK, et al. Neuron, 2004 Dec 16. PMID 15603737.

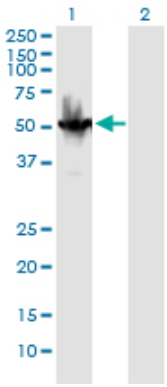
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (74.91 KDa) .



BAG5 monoclonal antibody (M01), clone 2E2. Western Blot analysis of BAG5 expression in HeLa.



Western Blot analysis of BAG5 expression in transfected 293T cell line by BAG5 monoclonal antibody (M01), clone 2E2.

Lane 1: BAG5 transfected lysate (Predicted MW: 51.2 KDa).
Lane 2: Non-transfected lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.