

DNAxPAb



## BAG4 DNAxPab

Catalog # H00009530-W01P Size 200 ug

Specification	
Product Description	Rabbit polyclonal antibody raised against a full-length human BAG4 DNA using DNAx™ Immune tec hnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSALRRSGYGPSDGPSYGRYYGPGGGDVPVHPPPPLYPLRPEPPQPPISWRVRGGGPAETTWL GEGGGGDGYYPSGGAWPEPGRAGGSHQEQPPYPSYNSNYWNSTARSRAPYPSTYPVRPELQG QSLNSYTNGAYGPTYPPGPGANTASYSGAYYAPGYTQTSYSTEVPSTYRSSGNSPTPVSRWIYPQ QDCQTEAPPLRGQVPGYPPSQNPGMTLPHYPYGDGNRSVPQSGPTVRPQEDAWASPGAYGMG GRYPWPSSAPSAPPGNLYMTESTSPWPSSGSPQSPPSPPVQQPKDSSYPYSQSDQSMNRHNF PCSVHQYESSGTVNNDDSDLLDSQVQYSAEPQLYGNATSDHPNNQDQSSSLPEECVPSDESTP PSIKKIIHVLEKVQYLEQEVEEFVGKKTDKAYWLLEEMLTKELLELDSVETGGQDSVRQARKEAVC KIQAILEKLEKKGL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

• Western Blot (Transfected lysate)

Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — BAG4	
Entrez GenelD	<u>9530</u>
GeneBank Accession#	<u>NM_004874.2</u>
Protein Accession#	<u>NP_004865.1</u>
Gene Name	BAG4
Gene Alias	BAG-4, SODD
Gene Description	BCL2-associated athanogene 4
Omim ID	<u>603884</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	The protein encoded by this gene is a member of the BAG1-related protein family. BAG1 is an an ti-apoptotic protein that functions through interactions with a variety of cell apoptosis and growth r elated proteins including BCL-2, Raf-protein kinase, steroid hormone receptors, growth factor rec eptors and members of the heat shock protein 70 kDa family. This protein contains a BAG domai n near the C-terminus, which could bind and inhibit the chaperone activity of Hsc70/Hsp70. This pr otein 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 sig naling. The regulatory role of this protein in cell death was demonstrated in epithelial cells which u ndergo apoptosis while integrin mediated matrix contacts are lost. [provided by RefSeq
Other Designations	BAG-family molecular chaperone regulator-4 silencer of death domains

## Disease

- <u>Cardiovascular Diseases</u>
- Diabetes Mellitus
- Edema