

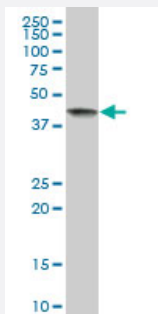
MaxPab®

## BAG4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009530-B01P

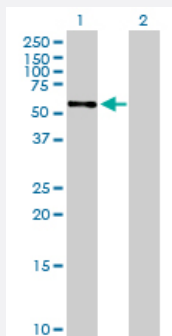
Size 50 ug

### Applications



#### Western Blot (Tissue lysate)

BAG4 MaxPab polyclonal antibody. Western Blot analysis of BAG4 expression in human pancreas.

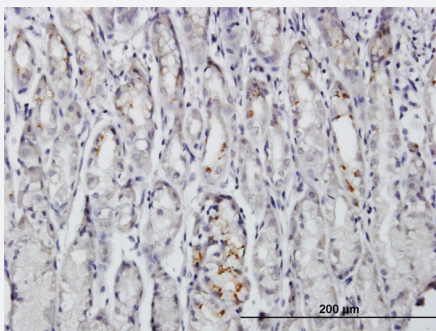


#### Western Blot (Transfected lysate)

Western Blot analysis of BAG4 expression in transfected 293T cell line ([H00009530-T01](#)) by BAG4 MaxPab polyclonal antibody.

Lane 1: BAG4 transfected lysate(50.27 KDa).

Lane 2: Non-transfected lysate.



#### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to BAG4 on formalin-fixed paraffin-embedded human stomach. [antibody concentration 3 ug/ml]

### Specification

#### Product Description

Mouse polyclonal antibody raised against a full-length human BAG4 protein.

<b>Immunogen</b>	BAG4 (NP_004865.1, 1 a.a. ~ 457 a.a) full-length human protein.
<b>Sequence</b>	MSALRRSGYGPSDGPSTYGRYYGPGGGDVPVHPPPPLYPLRPEPPQPPISWRVRGGGPAETTWL GEGGGGDGYPSGGAWPEPGRAGGSHQEPPYPSTYNSNYWNSTARSRAPYPSTYVVRPELQG QSLNSYTNAGYGPYPGPGANTASYSGAYYAPGYTQTSYSTEVPTSTYRSSGNSPTPVSRWIYPQ QDCQTEAPPLRGQVPGYPPSQNPGMTLPHYPYGDGNRSVPQSGPTVRPQEDAWASPGAYGMG GRYPWPSSAPSAPPGLYMTESTSPWPSSGSPQSPSPPVQQPKDSSYPYSQSDQSMNRHNF PCSVHQYESSGTVNNDSDLLDSQVQYSAEPQLYGNATSDHPNNQDQSSSLPEECVPSTDESTP PSIKKIIHVLEKVQYLEQEVEEFVGGKTDKAYWLLEEMLTKELELDSVETGGQDSVRQARKEAVC KIQAILEKLEKKGL
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (84); Rat (85)
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Tissue lysate)

BAG4 MaxPab polyclonal antibody. Western Blot analysis of BAG4 expression in human pancreas.

[Protocol Download](#)

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[Protocol Download](#)

## Gene Info — BAG4

Entrez GeneID [9530](#)

GeneBank Accession# [NM\\_004874](#)

Protein Accession# [NP\\_004865.1](#)

Gene Name BAG4

Gene Alias BAG-4, SODD

Gene Description BCL2-associated athanogene 4

Omim ID [603884](#)

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

**Other Designations** BAG-family molecular chaperone regulator-4|silencer of death domains

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)