

# BAG3 Rabbit mAb

Catalog # AP77719

## Product Information

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<b>Application</b>	WB, IHC-P, IP
<b>Primary Accession</b>	<a href="#">O95817</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human Bag3
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	61595

## Additional Information

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<b>Gene ID</b>	9531
<b>Other Names</b>	BAG3
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A IP~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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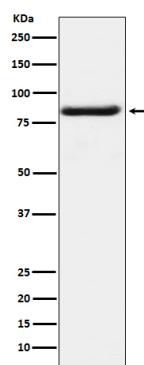
<b>Name</b>	BAG3
<b>Synonyms</b>	BIS
<b>Function</b>	<p>Co-chaperone and adapter protein that connects different classes of molecular chaperones including heat shock proteins 70 (HSP70s), e.g. HSPA1A/HSP70 or HSPA8/HSC70, and small heat shock proteins (sHSPs), e.g. HSPB8 (PubMed:<a href="#">27884606</a>, PubMed:<a href="#">30559338</a>). Acts as a nucleotide-exchange factor (NEF) promoting the release of ADP from HSP70s, thereby triggering client protein release (PubMed:<a href="#">27884606</a>, PubMed:<a href="#">30559338</a>). Nucleotide release is mediated via BAG3 binding to the nucleotide-binding domain (NBD) of HSP70s, whereas client release is mediated via binding to the substrate-binding domain (SBD) (PubMed:<a href="#">27474739</a>, PubMed:<a href="#">9873016</a>). Has anti-apoptotic activity (PubMed:<a href="#">10597216</a>). Plays a role in the HSF1 nucleocytoplasmic transport (PubMed:<a href="#">26159920</a>).</p>

## Cellular Location

Nucleus. Cytoplasm. Note=Colocalizes with HSF1 to the nucleus upon heat stress (PubMed:26159920)

## Images

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