

**AP05164PU-N****Polyclonal Antibody to BAG5 - Purified**

<b>Alternate names:</b>	BAG family molecular chaperone regulator 5, BAG-5, Bcl-2-associated athanogene 5, KIAA0873
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	Lot specific
<b>Background:</b>	It has been hypothesized that the BAG-5 protein will induce the death of nigral neurons through its predicted interaction with hsp70, which will cause increased protein aggregation and cell death by disinhibition of hsp70's anti-apoptotic function. It is believed that BAG-5 will play an important role in the mechanisms of neuronal death. BAG-5 may also be of interest due to its possible role as a modulator of the hsp70/hsp40 chaperone axis or its possible interaction and coordination of localization/modulation of other BAG containing proteins via BAG-BAG heterodimerization.
<b>Uniprot ID:</b>	<a href="#">Q9UL15</a>
<b>NCBI:</b>	<a href="#">9606</a>
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Synthetic peptide derived from the human BAG-5 protein.
<b>Format:</b>	<b>State:</b> Liquid purified Ig <b>Buffer System:</b> Phosphate buffered saline with 0.08% sodium azide
<b>Applications:</b>	Western blot: 5 - 10 µg/ml. Immunohistochemistry on paraffin Sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody reacts to BAG5. <b>Species:</b> Rat. Other species not tested.
<b>Storage:</b>	The antibody can be shipped at ambient temperature. Store (in aliquots) at -20°C only. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Takayama S, Xie Z, Reed JC. An evolutionarily conserved family of Hsp70/Hsc70 molecular chaperone regulators. J Biol Chem. 1999 Jan 8;274(2):781-6. PubMed PMID: 9873016.