

**BAG3 (Phospho Tyr457) rabbit pAb**

<b>Catalog No :</b>	YP1743
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB
<b>Target :</b>	Bag-3
<b>Gene Name :</b>	BAG3 BIS
<b>Protein Name :</b>	BAG3 (Phospho-Tyr457)
<b>Human Gene Id :</b>	9531
<b>Human Swiss Prot No :</b>	O95817
<b>Mouse Gene Id :</b>	29810
<b>Mouse Swiss Prot No :</b>	Q9JLV1
<b>Immunogen :</b>	Synthesized peptide derived from human BAG3 (Phospho-Tyr457)
<b>Specificity :</b>	This antibody detects endogenous levels of BAG3 (Phospho-Tyr457) at Human, Mouse,Rat
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000
<b>Purification :</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Molecularweight :** 63kD

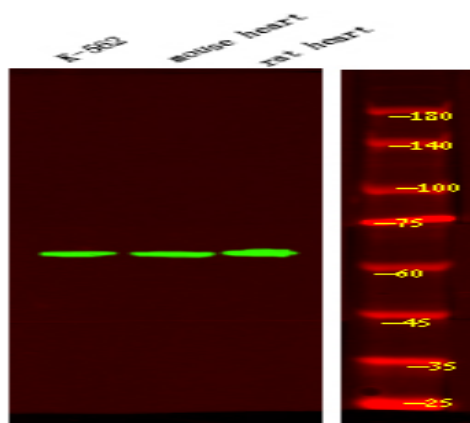
**Background :** BAG proteins compete with Hip for binding to the Hsc70/Hsp70 ATPase domain and promote substrate release. All the BAG proteins have an approximately 45-amino acid BAG domain near the C terminus but differ markedly in their N-terminal regions. The protein encoded by this gene contains a WW domain in the N-terminal region and a BAG domain in the C-terminal region. The BAG domains of BAG1, BAG2, and BAG3 interact specifically with the Hsc70 ATPase domain in vitro and in mammalian cells. All 3 proteins bind with high affinity to the ATPase domain of Hsc70 and inhibit its chaperone activity in a Hip-repressible manner. [provided by RefSeq, Jul 2008],

**Function :** function:Inhibits the chaperone activity of HSP70/HSC70 by promoting substrate release. Has anti-apoptotic activity.,similarity:Contains 1 BAG domain.,similarity:Contains 2 WW domains.,subunit:Binds to the ATPase domain of HSP70/HSC chaperones. Binds to Bcl-2 and PLC-gamma.,

**Subcellular Location :** Nucleus . Cytoplasm . Colocalizes with HSF1 to the nucleus upon heat stress (PubMed:26159920). .

**Expression :** Brain,Epithelium,Liver,Lung,Placenta,T-cell,Testis,Tongue,

## Products Images



Western Blot analysis of K-562 mouse heart, rat heart using primary antibody at 1:1000 dilution 4 °C, overnight. Secondary antibody(catalog#:RS23920) was diluted at 1:10000 25 °C 1.5hours