

## Bag-3 Polyclonal Antibody

<b>Catalog No :</b>	YT5544
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	Bag-3
<b>Gene Name :</b>	BAG3
<b>Protein Name :</b>	BAG family molecular chaperone regulator 3
<b>Human Gene Id :</b>	9531
<b>Human Swiss Prot No :</b>	O95817
<b>Mouse Swiss Prot No :</b>	Q9JLV1
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human BAG3. AA range:311-360
<b>Specificity :</b>	Bag-3 Polyclonal Antibody detects endogenous levels of Bag-3 protein.
<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 - 1:2000. IHC: 1:100-1:300. ELISA: 1:10000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-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)
<b>Observed Band :</b>	80kD

**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,

**Tag :** hot

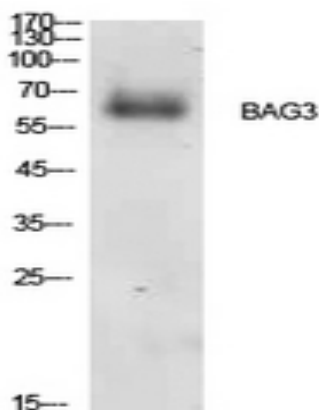
**Sort :** 2571

**No4 :** 1

**Host :** Rabbit

**Modifications :** Unmodified

## Products Images



Western Blot analysis of A549 cells using Bag-3 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000