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20-1015: Polyclonal antibody to Bag-1

Clonality :	Polyclonal
Application :	WB
Reactivity :	Rat,Mouse,Human
Gene :	BAG1
Gene ID :	573
Uniprot ID :	Q99933
Format :	Sera
Alternative Name :	Bcl-2-associated athanogene 1, HAP
Isotype :	Rabbit IgG
Immunogen Information :	A synthetic peptide of Bag-1 protein was used as the immunogen for this antibody

Description

The BAG proteins are a family of chaperone regulators that modulate a number of diverse processes including proliferation, survival, stress responses, tumorigenesis, neuronal differentiation, growth arrest and. BAG proteins have been characterized as co-chaperones and interact with the chaperone heat shock proteins 70, both constitutive Hsc70 and inducible Hsp70. BAG proteins bind through their BAG domain to the ATPase domain of Hsc70/Hsp70, and can modulate either positively or negatively the functions of the Hsc70/Hsp70 chaperone proteins.The BAG domain has been shown to contribute to the anti-apoptotic activity of BAG- family proteins. The anti-apoptotic activities of BAG-family proteins may be dependent on their interactions with Hsc70/Asp70 and/or binding to Bcl-2. In addition to the conserved BAG domain, BAG-family proteins also contain additional domains which enable them to interact with specific target proteins or to target them to specific locations within cells. The BAG family contains at least six family members, including BAG-1 and its various isoforms [including BAG-1S, BAG-1M (RAP46/HAP46), and BAG-1L, BAG2, BAG3 (CAIR-1; Bis,), BAG4 (SODD), BAG5 and BAG6 (Scythe, BAT3).

Product Info

Amount :	50 µl
Content :	50 µl sera
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

WB: 1:1000-1:5000

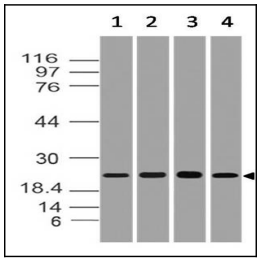

Fig-1: Western blot analysis of Bag-1. Anti- Bag-1 antibody (20-1015) was used with 1:5000 dilution on (1) THP1, (2) Jurkat, (3) MCF-7 and (4) h Heart lysates.