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## 20-1116: Polyclonal antibody to SODD/BAG4

Clonality: Polyclonal
Application: IP,IHC,WB
Reactivity: Human
Gene: BAG4
Gene ID: 9530
Uniprot ID: O95429
Format: Sera

Alternative Name : BAG4,SODD Isotype : Rabbit IgG

Immunogen Information: A synthetic peptide of human BAG4 (amino acids 223-241GDGNRSVPQSGPTVRPQED) was

used as 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 apoptosis (reviewed Takayama and Reed, 2001; Doong et al, 2002, and Doukhanina et al. 2006). 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.

## **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

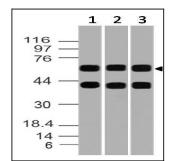


Fig-1: Western blot analysis of SODD/BAG4. Anti- SODD/BAG4 antibody (20-1116) was used with 1:1000 dilution on (1) THP1, (2) Jurkat and (3) HepG2 lysates.