

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

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	IP,IHC,WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	BAG4
<b>Gene ID :</b>	9530
<b>Uniprot ID :</b>	O95429
<b>Format :</b>	Sera
<b>Alternative Name :</b>	BAG4,SODD
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	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

<b>Amount :</b>	50 $\mu$ l
<b>Content :</b>	50 $\mu$ l sera
<b>Storage condition :</b>	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

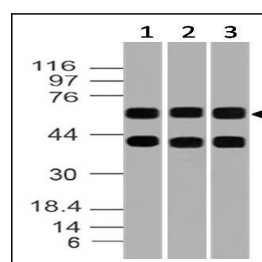


Fig-1: Western blot analysis of SODD/BAG4. Anti- SODD/BAG4 antibody (20-1116) was used with 1:1000 dilution on (1) THP1, (2) Jurkat and (3) HepG2 lysates.