

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

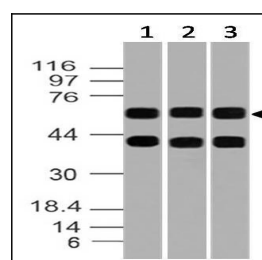


Fig-1: Western blot analysis of SODD/BAG4. Anti- SODD/BAG4 antibody (20-1116) was used with 1:1000 dilution on (1) THP1, (2) Jurkat and (3) HepG2 lysates.