

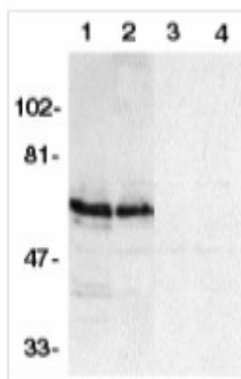
## BAG4

### Synthetic Human Bcl2-Associated athanogene 4 (aa 2-16)(NT) Blocking Peptide

<b>Catalog No.</b>	PX080BP	<b>Quantity:</b>	50 µg
<b>Alternate Names:</b>	BAG-4, SODD, BAG-family molecular chaperone regulator-4, silencer of death domains		
<b>Description:</b>	Amino acids 2 to 16 of human SODD.  The protein encoded by this gene is a member of the BAG1-related protein family. BAG1 is an anti-apoptotic protein that functions through interactions with a variety of cell apoptosis and growth related proteins including BCL-2, Raf-protein kinase, steroid hormone receptors, growth factor receptors and members of the heat shock protein 70 kDa family. This protein contains a BAG domain near the C-terminus, which could bind and inhibit the chaperone activity of Hsc70/Hsp70. This protein was found to be associated with the death domain of tumor necrosis factor receptor type 1 (TNF-R1) and death receptor-3 (DR3), and thereby negatively regulates downstream cell death signaling. The regulatory role of this protein in cell death was demonstrated in epithelial cells which undergo apoptosis while integrin mediated matrix contacts are lost. Alternatively spliced transcript variants encoding distinct isoforms have been identified.		
<b>Gene ID:</b>	9530		
<b>Application:</b>	The peptide is used for blocking the activity of anti-SODD. The peptide with equal volume of antibody for 30 min at 37°C usually completely blocks the antibody activity in Western blotting.		
<b>Formulation:</b>	It is supplied as 200 µg/ml, 50 µg/vial , in PBS pH7.2 (10 mM NaH <sub>2</sub> PO <sub>4</sub> , 10 mM, Na <sub>2</sub> HPO <sub>4</sub> , 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide.. <b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Sequence:</b>	SALRRSGYGPSDGPSC		
<b>Storage &amp; Stability:</b>	Store at -20°C, stable for one year.		



## SODD (N-Terminus) Peptide



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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