

bs-10774R**[Primary Antibody]****SODD Rabbit pAb****BioSS**
ANTIBODIES

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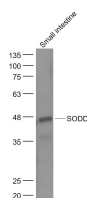
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat, Rabbit, Sheep, Cow, Horse)
GeneID: 9530	SWISS: Q95429	Predicted MW.: 50 kDa
Target: SODD		Subcellular Location: Cytoplasm
Immunogen: KLH conjugated synthetic peptide derived from human SODD: 401-457/457.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Apoptosis is induced by certain cytokines including TNF and Fas ligand of the TNF family through their death domain containing receptors, TNF-R1 and Fas. Several novel death receptors including DR3, DR4, DR5, and DR6 were recently identified. Cell death signal is transduced by death domain containing adapter molecules through the interaction with death domain of these death receptors. A novel TNF-R1 interacting protein was recently identified and designated SODD for silencer of death domains. SODD associates with the death domain of TNF-R1 and prevents constitutive activation of TNF-R1 signaling. TNF treatment releases SODD and permits adapter molecules such as TRADD recruiting to the active TNF-R1 complex, which activates TNF signaling pathways. SODD also interacts with DR3. SODD is ubiquitously expressed in human tissues and cell lines.		

— VALIDATION IMAGES —

Sample: Small intestine (Mouse) Lysate at 40 ug
Primary: Anti- SODD (bs-10774R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 50 kD Observed band size: 48 kD