

## Anti-SODD BAG4 Antibody

Catalog Number: A06722

### About BAG4

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.

### Overview

Product Name	Anti-SODD BAG4 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-SODD BAG4 Antibody (Catalog # A06722). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	SODD Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	SODD antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	O95429

### Technical Details

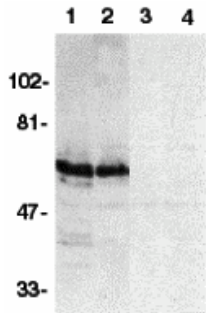
Immunogen	SODD antibody was raised against a peptide corresponding to amino acids near the amino terminus of human SODD. The immunogen is located within the first 50 amino acids of SODD.
Predicted Reactive Species	Bovine
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	SODD Antibody is Antibody is DEAE purified.

Suggested Dilutions

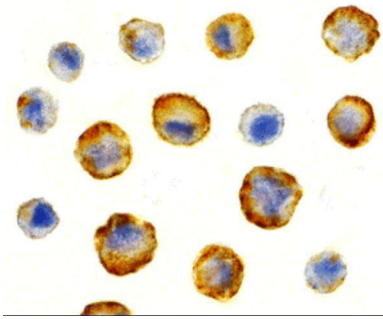
SODD antibody can be used for detection of SODD by Western blot at 0.5 ug/mL. An approximately 60 kDa band can be detected. Antibody can also be used for immunocytochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL.

Antibody validated: Western Blot in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

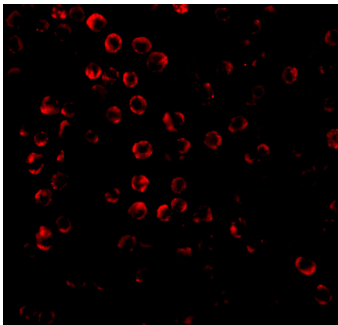
## Anti-SODD BAG4 Antibody (A06722) Images



Western blot analysis of SODD in HeLa (1,3) and THP-1 (2,4) whole cell lysates in the absence (1,2) or presence (3,4) of blocking peptide (Catalog no. A06722P) with SODD antibody at 1:500 dilution.



Immunocytochemistry of SODD in HeLa cells with SODD antibody at 5 ug/mL.



Immunofluorescence of SODD in HeLa cells with SODD antibody at 20 ug/mL.

### Submit a product review to [Biocompare.com](https://www.biocompare.com)

Submit a review of this product to [Biocompare.com](https://www.biocompare.com) to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-SODD BAG4 Antibody

For Research Use Only. Not for use in diagnostic procedures.