

Product datasheet for **TA306005**

Silencer of Death Domain (BAG4) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 0.5 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	SODD antibody was raised against a peptide corresponding to amino acids near the amino terminus of human SODD.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Antibody is DEAE purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	BCL2 associated athanogene 4
Database Link:	AF111116 Entrez Gene 9530 Human O95429



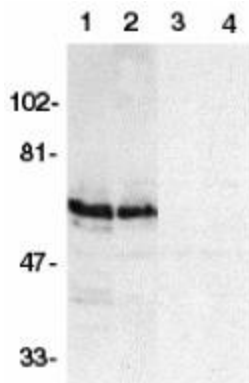
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Background:

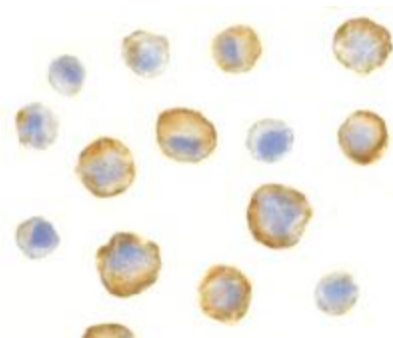
Apoptosis is induced by certain cytokines including TNF and Fas ligand of the TNF family through their death domain containing receptors, TNF-R1 and Fas. Several novel death receptors including DR3, DR4, DR5, and DR6 were recently identified. Cell death signal is transduced by death domain containing 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 (1). 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.

Synonyms:

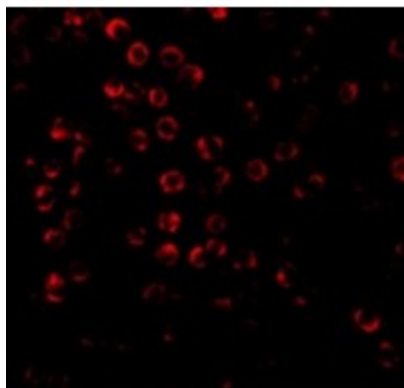
BAG-4; SODD

Product 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. 2143P) 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.