

# Datasheet for ABIN2788953

# anti-BAG4 antibody (C-Term)

# 1 Image



| $\sim$ |      |
|--------|------|
| Over   | view |
|        |      |

| Quantity:   | 100 μL   |
|---|--|
| Target:   | BAG4   |
| Binding Specificity:  | C-Term   |
| Reactivity:   | Human, Rat, Cow, Dog, Horse, Guinea Pig, Rabbit, Pig   |
| Host:   | Rabbit   |
| Clonality:  | Polyclonal   |
| Conjugate:  | This BAG4 antibody is un-conjugated  |
| Application:  | Western Blotting (WB)  |
| Product Details   |  |
|   |  |
| Sequence:   | PSAPPGNLYM TESTSPWPSS GSPQSPPSPP VQQPKDSSYP YSQSDQSMNR   |
| Sequence: Predicted Reactivity:   | PSAPPGNLYM TESTSPWPSS GSPQSPPSPP VQQPKDSSYP YSQSDQSMNR  Cow: 91%, Dog: 100%, Guinea Pig: 77%, Horse: 92%, Human: 100%, Pig: 100%, Rabbit: 92%, Rat: 92%  |
| ·   | Cow: 91%, Dog: 100%, Guinea Pig: 77%, Horse: 92%, Human: 100%, Pig: 100%, Rabbit: 92%, Rat:  |
| Predicted Reactivity:   | Cow: 91%, Dog: 100%, Guinea Pig: 77%, Horse: 92%, Human: 100%, Pig: 100%, Rabbit: 92%, Rat: 92%  |
| Predicted Reactivity:  Characteristics:   | Cow: 91%, Dog: 100%, Guinea Pig: 77%, Horse: 92%, Human: 100%, Pig: 100%, Rabbit: 92%, Rat: 92%  This is a rabbit polyclonal antibody against BAG4. It was validated on Western Blot.                          |
| Predicted Reactivity:  Characteristics:  Purification:                          | Cow: 91%, Dog: 100%, Guinea Pig: 77%, Horse: 92%, Human: 100%, Pig: 100%, Rabbit: 92%, Rat: 92%  This is a rabbit polyclonal antibody against BAG4. It was validated on Western Blot.                          |
| Predicted Reactivity:  Characteristics:  Purification:  Target Details          | Cow: 91%, Dog: 100%, Guinea Pig: 77%, Horse: 92%, Human: 100%, Pig: 100%, Rabbit: 92%, Rat: 92%  This is a rabbit polyclonal antibody against BAG4. It was validated on Western Blot.  Affinity Purified       |
| Predicted Reactivity:  Characteristics:  Purification:  Target Details  Target: | Cow: 91%, Dog: 100%, Guinea Pig: 77%, Horse: 92%, Human: 100%, Pig: 100%, Rabbit: 92%, Rat: 92%  This is a rabbit polyclonal antibody against BAG4. It was validated on Western Blot.  Affinity Purified  BAG4 |

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.

Alias Symbols: BAG-4, SODD

Protein Interaction Partner: EDC3, DCP1A, DNAJB12, DNAJC9, CD93, STUB1, DNAJB6, MLF2, DNAJC7, DNAJB1, HSPA8, HSPA2, HSPA1L, HSPA1B, DDX6, DCP1B, MCL1, CAND1, DCUN1D1, COPS5, CUL1, CUL2, CUL3, CUL4A, CUL5, NEDD8, ELAVL1, UBC, TNFRSF25, APOBEC1, TNFRSF1A, BCL2, HSPA1A, HSP90AA1, HSPA4,

Protein Size: 421

| Molecular Weight: | 46 kDa                                      |
|-------------------|---|
| Gene ID:          | 9530  |
| NCBI Accession:   | NM_001204878, NP_001191807                  |
| UniProt:          | B4E217                                      |
| Pathways:         | Regulation of Actin Filament Polymerization |

### **Application Details**

| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
|--------------------|--|
| Comment:           | Antigen size: 421 AA   |
| Restrictions:      | For Research Use only  |

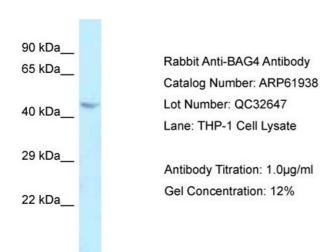
#### Handling

| Format:        | Liquid   |
|----------------|--|
| Concentration: | Lot specific   |
| Buffer:        | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % |
|                | sucrose.   |

## Handling

| Preservative:      | Sodium azide  |
|--------------------|---|
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                  |
| Handling Advice:   | Avoid repeated freeze-thaw cycles.  |
| Storage:           | -20 °C  |
| Storage Comment:   | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

## **Images**



### **Western Blotting**

Image 1.