

Datasheet for ABIN2788953
anti-BAG4 antibody (C-Term)



[Go to Product page](#)

1 Image

Overview

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
Predicted Reactivity:	Cow: 91%, Dog: 100%, Guinea Pig: 77%, Horse: 92%, Human: 100%, Pig: 100%, Rabbit: 92%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against BAG4. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	BAG4
Alternative Name:	BAG4 (BAG4 Products)
Background:	The protein encoded by this gene is a member of the BAG1-related protein family. BAG1 is an

Target Details

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

