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Datasheet for ABIN2788954 anti-BAG4 antibody (C-Term)

Image



Overview

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Quantity:	100 µL
Target:	BAG4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Guinea Pig, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)
Product Details	
Sequence:	EVEEFVGKKT DKAYWLLEEM LTKELLELDS VETGGQDSVR QARKEAVCKI
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against BAG4. It was validated on Western Blot.

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 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

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	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: 457
Molecular Weight:	50 kDa
Gene ID:	9530
NCBI Accession:	NM_004874, NP_004865
UniProt:	095429
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 457 AA
Restrictions:	For Research Use only

Handling

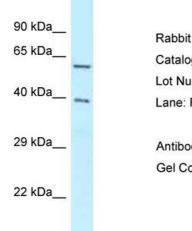
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 $\%$ (w/v) sodium azide and 2 $\%$ sucrose.
Preservative:	Sodium azide

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Handling

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



Rabbit Anti-BAG4 Antibody Catalog Number: ARP61939 Lot Number: QC32648 Lane: RPMI-8226 Cell Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

Western Blotting

Image 1.