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Datasheet for ABIN7265852 anti-BAG4 antibody (AA 1-100)

Image



Overview

Quantity:	100 µL
Target:	BAG4
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAG4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

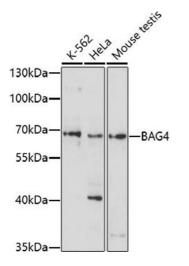
Purpose:	BAG4 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human BAG4 (NP_001191807.1).
Sequence:	MSALRRSGYG PSDGPSYGRY YGPGGGDVPV HPPPPLYPLR PEPPQPPISW RVRGGGPAET TWLGEGGGGD GYYPSGGAWP EPGRAGGSHQ SLNSYTNGAY
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

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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
	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.,BAG4,BAG-4,SODD,Cell Biology & Developmental Biology,Apoptosis,BAG4
Molecular Weight:	45kDa/49kDa
Gene ID:	9530
UniProt:	095429
Pathways:	Regulation of Actin Filament Polymerization
Application Details	
Application Notes:	WB,1:500 - 1:2000,IHC,1:100 - 1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using B antibody (ABIN7265852) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Enhanced Kit (RM00021).Exposure time: 90s.

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