

Datasheet for ABIN2789515
anti-BAG1 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	BAG1
Binding Specificity:	N-Term
Reactivity:	Human, Dog, Horse, Cow, Pig, Zebrafish (Danio rerio), Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAG1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	LIFKGKSLKE METPLSALGI QDGCVRMLIG KKNSPQEEVE LKKLKHLEKS
Predicted Reactivity:	Cow: 86%, Dog: 86%, Horse: 93%, Human: 100%, Pig: 86%, Rabbit: 91%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against BAG1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	BAG1
Alternative Name:	BAG1 (BAG1 Products)
Background:	The oncogene BCL2 is a membrane protein that blocks a step in a pathway leading to apoptosis or programmed cell death. The protein encoded by this gene binds to BCL2 and is

Target Details

referred to as BCL2-associated athanogene. It enhances the anti-apoptotic effects of BCL2 and represents a link between growth factor receptors and anti-apoptotic mechanisms. Multiple protein isoforms are encoded by this mRNA through the use of a non-AUG (CUG) initiation codon, and three alternative downstream AUG initiation codons. A related pseudogene has been defined on chromosome X.

Alias Symbols: HAP, RAP46

Protein Interaction Partner: TRIM27, PSMD2, HSPA8, TRIM23, LTN1, DNAJB4, STUB1, DNAJB6, MLF2, DNAJB1, SHFM1, CD44, NIF3L1, RPRD1B, XPO5, OSGEP, PANK4, PEG10, ANP32B, ACTR2, ARPC4, TOM1L1, ZPR1, FUBP1, ANP32A, SH3GL1, GRPEL1, EFTUD1, RPA3, RANGAP1, NR3C1, RAF1, HSPA4, PYGL, ARRB1, UBC

Protein Size: 230

Molecular Weight: 25 kDa

Gene ID: 573

NCBI Accession: [NM_001172415](#), [NP_001165886](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 230 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

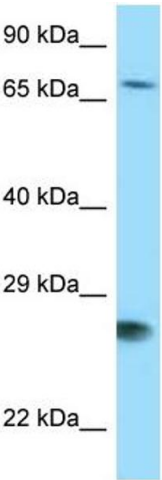
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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.



Western Blotting

Image 1. WB Suggested Anti-BAG1 Antibody Titration: 1.0 ug/ml Positive Control: 721_B Whole Cell BAG1 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells