Datasheet for ABIN630239

anti-BAG2 antibody (C-Term)

2 Images

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Overview

Quantity:	100 µg
Target:	BAG2
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAG2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	BAG2 antibody was raised using the C terminal of BAG2 corresponding to a region with amino acids VDQKFQSIVIGCALEDQKKIKRRLETLLRNIENSDKAIKLLEHSKGAGSK
Specificity:	BAG2 antibody was raised against the C terminal of BAG2
Purification:	Purified

Target Details

Target:	BAG2
Alternative Name:	BAG2 (BAG2 Products)
Background:	BAG proteins compete with Hip for binding to the Hsc70/Hsp70 ATPase domain and promote substrate release. All the BAG proteins have an approximately 45-amino acid BAG domain near the C terminus but differ markedly in their N-terminal regions. The predicted BAG2 protein

Target Details

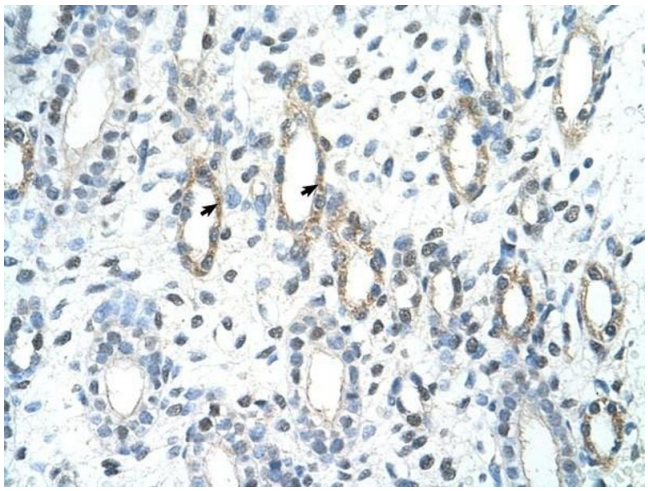
	contains 211 amino acids. The BAG domains of BAG1, BAG2, and BAG3 interact specifically with the Hsc70 ATPase domain in vitro and in mammalian cells. All 3 proteins bind with high affinity to the ATPase domain of Hsc70 and inhibit its chaperone activity in a Hip-repressible manner.
Molecular Weight:	23 kDa (MW of target protein)

Application Details

Application Notes:	WB: 1.25 µg/mL, IHC: 4-8 µg/mL Optimal conditions should be determined by the investigator.
Comment:	BAG2 Blocking Peptide, catalog no. 33R-9474, is also available for use as a blocking control in assays to test for specificity of this BAG2 antibody
Restrictions:	For Research Use only

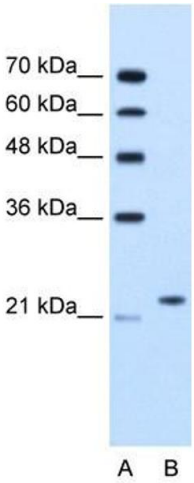
Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of BAG2 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Immunohistochemistry

Image 1. BAG2 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of renal tubule (arrows) in Human Kidney. Magnification is at 400X



Western Blotting

Image 2. BAG2 antibody used at 1.25 ug/ml to detect target protein.