

Product datasheet

Anti-BI-1 antibody ab18852

3 References 2 Images

Overview

Product name	Anti-BI-1 antibody
Description	Rabbit polyclonal to BI-1
Host species	Rabbit
Specificity	ab18852 recognises Bax inhibitor.
Tested applications	Suitable for: ICC/IF, WB
Species reactivity	Reacts with: Rat, Human
Immunogen	Synthetic peptide corresponding to Human BI-1.
Positive control	rat testis tissue lysate
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.03% Proclin 300 Constituents: PBS, 30% Glycerol (glycerin, glycerine), 0.5% BSA, 0.015% EDTA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab18852 in the following tested applications.

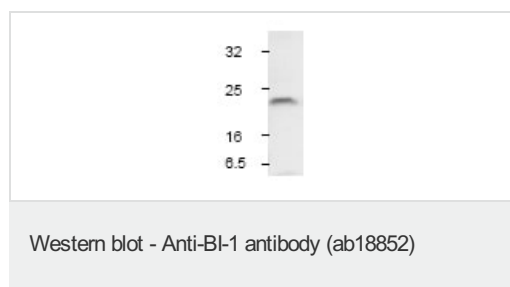
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 5 µg/ml.
WB		Use a concentration of 1 - 4 µg/ml. Predicted molecular weight: 26 kDa.

Target

Function	Suppressor of apoptosis.
Tissue specificity	Highly abundant in testis.
Sequence similarities	Belongs to the BI1 family.
Cellular localization	Membrane.

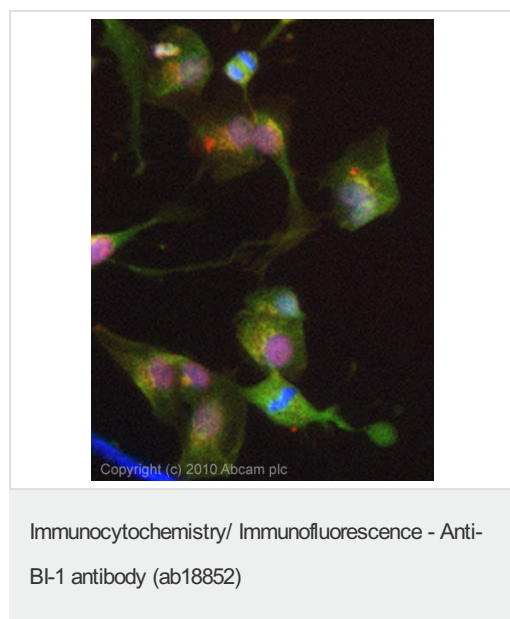
Images



Anti-BI-1 antibody (ab18852) at 1 µg/ml + rat testis tissue lysate

Predicted band size: 26 kDa

Observed band size: 22 kDa



ICC/IF image of ab18852 stained HepG2 cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab18852, 5µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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