

BCL2L10 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22305c

Specification

BCL2L10 Antibody (Center) - Product Information

Application	IF, WB, FC, E
Primary Accession	Q9HD36
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit Ig
Calculated MW	23204

BCL2L10 Antibody (Center) - Additional Information

Gene ID 10017

Other Names

Bcl-2-like protein 10, Bcl2-L-10,
Anti-apoptotic protein NrH, Apoptosis
regulator Bcl-B, BCL2L10, BCLB

Target/Specificity

This BCL2L10 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 89-123 amino acids from the Central region of human BCL2L10.

Dilution

IF~~1:25
WB~~1:2000
FC~~1:25

Format

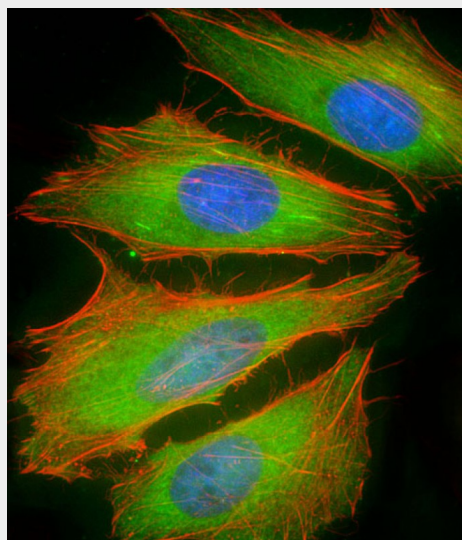
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

BCL2L10 Antibody (Center) is for research



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa (human cervical epithelial adenocarcinoma cell line) cells labeling BCL2L10 with AP22305c at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG (NK179883) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm and nucleus staining on HeLa cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin (PD18466410) at 1/100 dilution (red). The nuclear counter stain is DAPI (blue).

use only and not for use in diagnostic or therapeutic procedures.

BCL2L10 Antibody (Center) - Protein Information

Name BCL2L10

Synonyms BCLB

Function

Promotes cell survival by suppressing apoptosis induced by BAX but not BAK (PubMed:<a href="http://www.uniprot.org/citations/11689480"

target="_blank">11689480),

PubMed:<a href="http://www.uniprot.org/citations/11278245"

target="_blank">11278245).

Increases binding of AHCYL1/IRBIT to ITPR1 (PubMed:<a href="http://www.uniprot.org/citations/27995898"

target="_blank">27995898). Reduces

ITPR1-mediated calcium release from the endoplasmic reticulum cooperatively with AHCYL1/IRBIT under normal cellular conditions (PubMed:<a href="http://www.uniprot.org/citations/27995898"

target="_blank">27995898). Under apoptotic stress conditions, dissociates from ITPR1 and is displaced from mitochondria-associated endoplasmic reticulum membranes, leading to increased Ca(2+) transfer to mitochondria which promotes apoptosis (PubMed:<a href="http://www.uniprot.org/citations/27995898"

Cellular Location

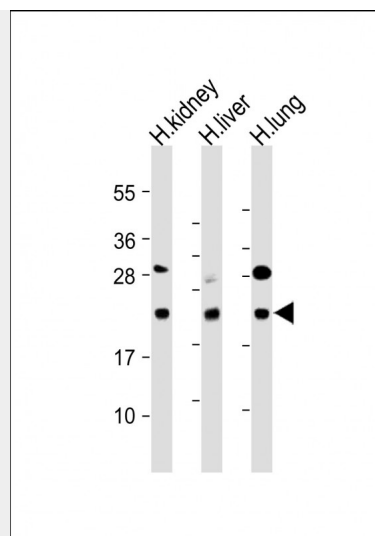
Mitochondrion. Nucleus membrane. Endoplasmic reticulum. Note=Localizes to mitochondria- associated endoplasmic reticulum membranes (MAMs) (PubMed:27995898) Localization to MAMs is greatly reduced under apoptotic stress conditions (PubMed:27995898).

Tissue Location

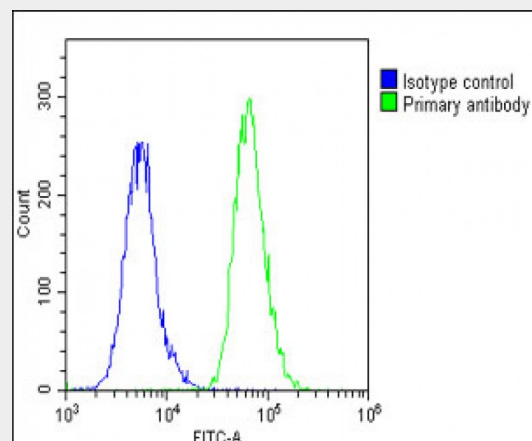
Widely expressed in adult tissues. Preferentially expressed in lung, liver and kidney.

BCL2L10 Antibody (Center) - Protocols

Provided below are standard protocols that you



All lanes : Anti-BCL2L10 Antibody (Center) at 1:2000 dilution Lane 1: Human kidney lysate Lane 2: Human liver lysate Lane 3: Human lung lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 22 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Overlay histogram showing A549 cells stained with AP22305c(green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (AP22305c, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(1583138) at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 (1µg/1x10⁶ cells) used under the same conditions. Acquisition of >10,000 events was

may find useful for product applications.

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- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

performed.

BCL2L10 Antibody (Center) - Background

Promotes cell survival. Suppresses apoptosis induced by BAX but not BAK.

BCL2L10 Antibody (Center) - References

Zhang H.,et al.Hum. Mol. Genet.
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Ke N.,et al.J. Biol. Chem.
276:12481-12484(2001).
Aouacheria A.,et al.Oncogene
20:5846-5855(2001).
Zody M.C.,et al.Nature 440:671-675(2006).