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BCL2L10 / Diva Antibody (aa60-153)
Rabbit Polyclonal Antibody
Catalog # ALS16896

Specification

BCL2L10 / Diva Antibody (aa60-153) - Product Information

Application	**IHC, ICC, WB**
Primary Accession	Q9HD36
Other Accession	10017
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**23204**

BCL2L10 / Diva Antibody (aa60-153) - Additional Information

Gene ID 10017

Other Names
BCL2L10, BCL-B, Apoptosis regulator Bcl-B, BCLB, Bcl2-L-10, Diva not vaccine, Anti-apoptotic protein NrH, Bcl-2-like protein 10, Boo, Boo not bladder, Diva

Target/Specificity
Human BCL-B / Diva

Reconstitution & Storage
0.1 M Tris-glycine, pH 7.0, 10% glycerol, 0.01% Thimerosal. Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Precautions
BCL2L10 / Diva Antibody (aa60-153) is for research use only and not for use in diagnostic or therapeutic procedures.

BCL2L10 / Diva Antibody (aa60-153) - Protein Information

Name BCL2L10 {ECO:0000303|PubMed:17532299}

Function
Promotes cell survival by suppressing apoptosis induced by BAX but not BAK (PubMed:11689480, PubMed:11278245). Increases binding of AHCYL1/IRBIT to ITPR1 (PubMed:27995898). Reduces ITPR1-mediated calcium release from the endoplasmic reticulum cooperatively with AHCYL1/IRBIT under normal cellular conditions (PubMed: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:27995898). Required for the correct formation of the microtubule organizing center during oocyte cell division, potentially via regulation of protein abundance and localization of other microtubule organizing center components such as AURKA and TPX2 (By similarity).

Cellular Location
Mitochondrion. Nucleus membrane. Endoplasmic reticulum. Cytoplasm, cytoskeleton, spindle {ECO:0000250|UniProtKB:Q9Z0F3}. 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.

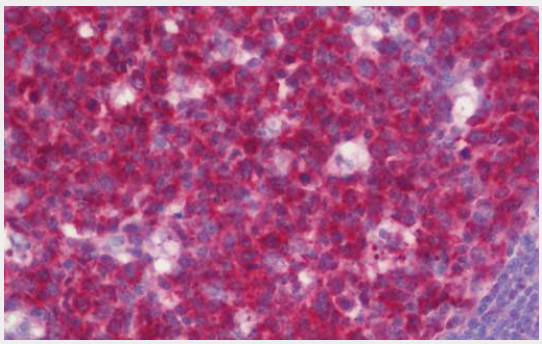
Volume
50 µl

BCL2L10 / Diva Antibody (aa60-153) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

BCL2L10 / Diva Antibody (aa60-153) - Images

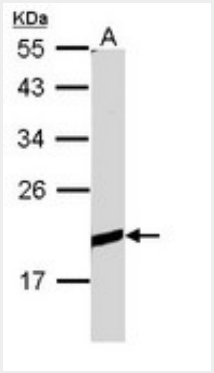


Anti-BCL2L10 / Diva antibody IHC staining of human tonsil.

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Immunofluorescence of paraformaldehyde-fixed A431 using BCL2L10 antibody at 1:200 dilution.



Sample (30 ug of whole cell lysate). A: Raji. 12% SDS PAGE. BCL-B / Diva antibody diluted at 1:1000.

BCL2L10 / Diva Antibody (aa60-153) - Background

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

BCL2L10 / Diva Antibody (aa60-153) - References

Zhang H.,et al.Hum. Mol. Genet. 10:2329-2339(2001).
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).