

BCL2L10 / Diva Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS11384**Specification**

BCL2L10 / Diva Antibody (N-Terminus) - Product Information

Application	ICC, IHC
Primary Accession	O9HD36
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22kDa KDa

BCL2L10 / Diva Antibody (N-Terminus) - 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

16 amino acid peptide from near the amino terminus of human Bcl-B

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

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

BCL2L10 / Diva Antibody (N-Terminus) - 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

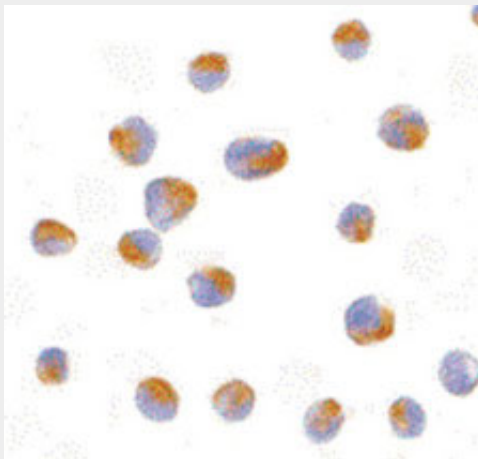
Widely expressed in adult tissues. Preferentially expressed in lung, liver and kidney.

BCL2L10 / Diva Antibody (N-Terminus) - Protocols

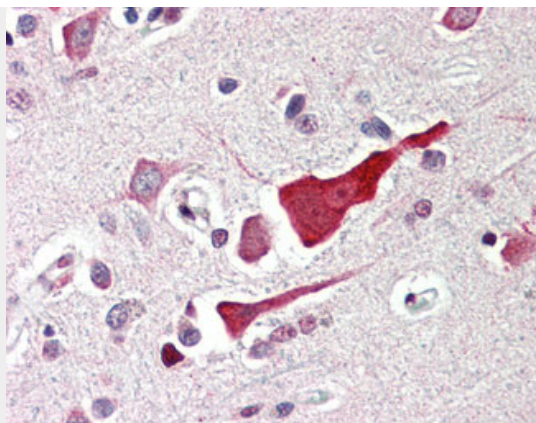
Provided below are standard protocols that you may find useful for product applications.

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

BCL2L10 / Diva Antibody (N-Terminus) - Images



Immunocytochemistry of Bcl-B in Jurkat cells with Bcl-B antibody at 10 ug/ml.



Anti-BCL2L10 / BCL-B antibody IHC of human brain, cortex.

BCL2L10 / Diva Antibody (N-Terminus) - Background

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

BCL2L10 / Diva Antibody (N-Terminus) - 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).