

Bcl 10 Antibody immunohistochemistry**Bcl 10****Catalog # AD80568****Specification****Bcl 10 Antibody** immunohistochemistry - Product info

Application	IHC
Primary Accession	O95999
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	26252 Da

Bcl 10 Antibody immunohistochemistry - Additional infoGene ID **8915****Other Names**

B-cell lymphoma/leukemia 10, B-cell CLL/lymphoma 10, Bcl-10, CARD-containing molecule enhancing NF-kappa-B, CARD-like apoptotic protein, hCLAP, CED-3/ICH-1 prodomain homologous E10-like regulator, CIPER, Cellular homolog of vCARMEN, cCARMEN, Cellular-E10, c-E10, Mammalian CARD-containing adapter molecule E10, mE10, BCL10 {ECO:0000303|PubMed:9989495, ECO:0000312|HGNC:HGNC:989}

Dilution

IHC~~1:100~500

Storage

Maintain refrigerated at 2-8°C

Precautions

Bcl 10 Antibody immunohistochemistry is for research use only and not for use in diagnostic or therapeutic procedures.

Bcl 10 Antibody immunohistochemistry - Protein Information**Name** BCL10 {ECO:0000303|PubMed:9989495, ECO:0000312|HGNC:HGNC:989}**Function**

Plays a key role in both adaptive and innate immune signaling by bridging CARD domain-containing proteins to immune activation (PubMed:[10187770](#), PubMed:[10364242](#), PubMed:[10400625](#), PubMed:[25365219](#), PubMed:[24074955](#)). Acts by channeling adaptive and innate immune signaling downstream of CARD domain-containing proteins CARD9, CARD11 and CARD14 to activate NF-kappa-B and MAP kinase p38 (MAPK11, MAPK12, MAPK13 and/or MAPK14)

Cellular Location**Tissue Location**

pathways which stimulate expression of genes encoding pro-inflammatory cytokines and chemokines (PubMed:[24074955](#)). Recruited by activated CARD domain-containing proteins: homooligomerized CARD domain-containing proteins form a nucleating helical template that recruits BCL10 via CARD-CARD interaction, thereby promoting polymerization of BCL10, subsequent recruitment of MALT1 and formation of a CBM complex (PubMed:[24074955](#)). This leads to activation of NF-kappa-B and MAP kinase p38 (MAPK11, MAPK12, MAPK13 and/or MAPK14) pathways which stimulate expression of genes encoding pro-inflammatory cytokines and chemokines (PubMed:[18287044](#), PubMed:[27777308](#), PubMed:[24074955](#)). Activated by CARD9 downstream of C-type lectin receptors; CARD9-mediated signals are essential for antifungal immunity (PubMed:[26488816](#)). Activated by CARD11 downstream of T-cell receptor (TCR) and B-cell receptor (BCR) (PubMed:[18264101](#), PubMed:[18287044](#), PubMed:[27777308](#), PubMed:[24074955](#)). Promotes apoptosis, pro-caspase-9 maturation and activation of NF-kappa-B via NIK and IKK (PubMed:[10187815](#)). Cytoplasm, perinuclear region. Membrane raft. Note=Appears to have a perinuclear, compact and filamentous pattern of expression. Also found in the nucleus of several types of tumor cells. Colocalized with DPP4 in membrane rafts. Ubiquitous..

Bcl 10 Antibody **immunohistochemistry** **- 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](#)

Bcl 10 Antibody **immunohistochemistry** **- Images**