

**Anti-BCL10 / BCL-10 Antibody (aa111-160)**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS18072****Specification**

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**Anti-BCL10 / BCL-10 Antibody (aa111-160) - Product Information**

Application	WB, IHC-P, E
Primary Accession	<a href="#">O95999</a>
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	26252

**Anti-BCL10 / BCL-10 Antibody (aa111-160) - Additional Information****Gene ID** 8915**Alias Symbol** BCL10**Other Names**

BCL10, Bcl-10, B-cell CLL/lymphoma 10, B-cell lymphoma/leukemia 10, CARMEN, CARD-like apoptotic protein, CCARMEN, C-E10, CIPER, Cellular-E10, HCLAP, Cellular homolog of vCARMEN, CLAP, ME10

**Target/Specificity**

BCL10 Antibody detects endogenous levels of total BCL10 protein.

**Reconstitution & Storage**

Immunoaffinity purified

**Precautions**

Anti-BCL10 / BCL-10 Antibody (aa111-160) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-BCL10 / BCL-10 Antibody (aa111-160) - 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: &lt;a href="http://www.uniprot.org/citations/10187770" target="\_blank"&gt;10187770&lt;/a&gt;, PubMed: &lt;a href="http://www.uniprot.org/citations/10364242" target="\_blank"&gt;10364242&lt;/a&gt;, PubMed: &lt;a href="http://www.uniprot.org/citations/10400625" target="\_blank"&gt;10400625&lt;/a&gt;, PubMed: &lt;a href="http://www.uniprot.org/citations/24074955" target="\_blank"&gt;24074955&lt;/a&gt;, PubMed: &lt;a href="http://www.uniprot.org/citations/25365219" target="\_blank"&gt;25365219&lt;/a&gt;). 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) pathways which stimulate expression of genes encoding pro-inflammatory cytokines and chemokines (PubMed: [24074955](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/18287044), PubMed: [24074955](http://www.uniprot.org/citations/24074955), PubMed: [27777308](http://www.uniprot.org/citations/27777308)). Activated by CARD9 downstream of C-type lectin receptors; CARD9-mediated signals are essential for antifungal immunity (PubMed: [26488816](http://www.uniprot.org/citations/26488816)). Activated by CARD11 downstream of T-cell receptor (TCR) and B-cell receptor (BCR) (PubMed: [18264101](http://www.uniprot.org/citations/18264101), PubMed: [18287044](http://www.uniprot.org/citations/18287044), PubMed: [24074955](http://www.uniprot.org/citations/24074955), PubMed: [27777308](http://www.uniprot.org/citations/27777308)). Promotes apoptosis, pro-caspase-9 maturation and activation of NF-kappa-B via NIK and IKK (PubMed: [10187815](http://www.uniprot.org/citations/10187815)).

#### Cellular Location

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.

#### Tissue Location

Ubiquitous..

### Anti-BCL10 / BCL-10 Antibody (aa111-160) - 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](#)

### Anti-BCL10 / BCL-10 Antibody (aa111-160) - Images