

**BCL3 Antibody**  
**Catalog # ASC11599****Specification**

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**BCL3 Antibody - Product Information**

|                   |   |
|-------------------|---|
| Application       | WB, E   |
| Primary Accession | <a href="#">P20749</a>  |
| Other Accession   | <a href="#">NP_005169</a> , <a href="#">164664508</a>                           |
| Reactivity        | Human   |
| Host              | Rabbit  |
| Clonality         | Polyclonal  |
| Isotype           | IgG   |
| Calculated MW     | Predicted: 50 kDa KDa   |
| Application Notes | BCL3 antibody can be used for detection of BCL3 by Western blot at 1 - 2 µg/mL. |

**BCL3 Antibody - Additional Information**

|                    |     |
|--------------------|-----|
| Gene ID            | 602 |
| Target/Specificity |     |
| BCL3;              |     |

**Reconstitution & Storage**

BCL3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.

**Precautions**

BCL3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**BCL3 Antibody - Protein Information**

**Name** BCL3

**Synonyms** BCL4, D19S37

**Function**

Contributes to the regulation of transcriptional activation of NF-kappa-B target genes. In the cytoplasm, inhibits the nuclear translocation of the NF-kappa-B p50 subunit. In the nucleus, acts as transcriptional activator that promotes transcription of NF-kappa-B target genes. Contributes to the regulation of cell proliferation (By similarity).

**Cellular Location**

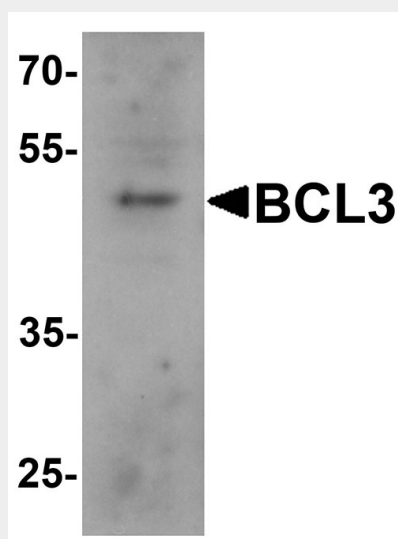
Nucleus. Cytoplasm. Cytoplasm, perinuclear region. Note=Ubiquitination via 'Lys-63'- linked ubiquitin chains is required for nuclear accumulation

**BCL3 Antibody - 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](#)

#### **BCL3 Antibody - Images**



Western blot analysis of BCL3 in 293 cell lysate with BCL3 antibody at 1 µg/mL.

#### **BCL3 Antibody - Background**

**BCL3 Antibody:** The proto-oncogene Bcl-3, believed to be involved in certain human B cell leukemias, encodes a protein that contributes to the regulation of transcriptional activation of NF-κ-B target genes. BCL3 contains seven ankyrin repeats, which are most closely related to those found in I-κ-B proteins. The expression of this gene can be induced by NF-κ-B, which forms a part of the autoregulatory loop that controls the nuclear residence of p50 NF-κ-B. It contributes to the regulation of cell proliferation. A chromosomal aberration involving BCL3 may be a cause of B-cell chronic lymphocytic leukemia.

#### **BCL3 Antibody - References**

Ohno H, Takimoto G, and McKeithan TW. The candidate proto-oncogene bcl-3 is related to genes implicated in cell lineage determination and cell cycle control. *Cell* 1990; 60:991-7.  
Wulczyn FG, Naumann M, and Scheidereit C. Candidate proto-oncogene bcl-3 encodes a subunit-specific inhibitor of transcription factor NF-kappa B. *Nature* 1992; 358:597-9.  
Ibrahim HA, Amen F, Reid AG, et al. BCL3 rearrangement, amplification and expression in diffuse large B-cell lymphoma. *Eur. J. Haematol.* 2011; 87:480-5.  
Ge B, Li O, Wilder P, et al. NF-kappa B regulates BCL3 transcription in T lymphocytes through an intronic enhancer. *J. Immunol.* 2003; 171:4210-8.