10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BCL3 Antibody
Catalog # ASC11599

Specification

BCL3 Antibody - Product Information

Application	**WB, E**
Primary Accession	P20749
Other Accession	NP_005169, 164664508
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℃ for three months and -20℃, 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

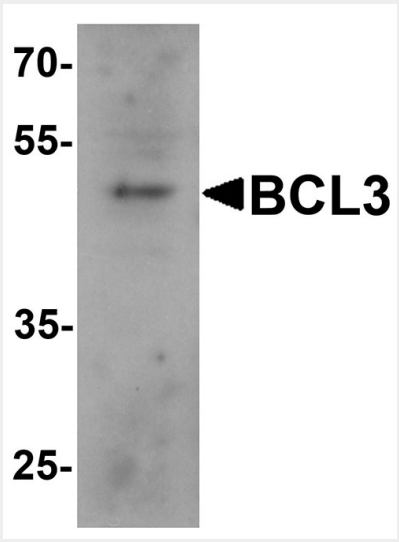
BCL3 Antibody - Protocols

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

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.