

BCL3 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP9337C

Specification

BCL3 Antibody (Center) - Product Information

Application Primary Accession Other Accession Reactivity Host Clonality Isotype Antigen Region WB, IHC-P, IF, FC,E <u>P20749</u> <u>0922F6</u> Human, Mouse Rabbit Polyclonal Rabbit IgG 249-277

BCL3 Antibody (Center) - Additional Information

Gene ID 602

Other Names B-cell lymphoma 3 protein, BCL-3, Proto-oncogene BCL3, BCL3, BCL4, D19S37

Target/Specificity

This BCL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 249-277 amino acids from the Central region of human BCL3.

Dilution WB~~1:1000 IHC-P~~1:10~50 IF~~1:50~200 FC~~1:10~50 E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

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

BCL3 Antibody (Center) - 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).

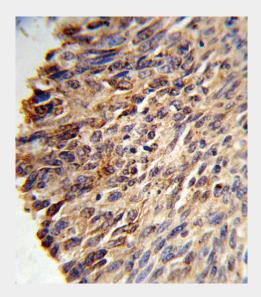
Cellular Location

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

BCL3 Antibody (Center) - Protocols

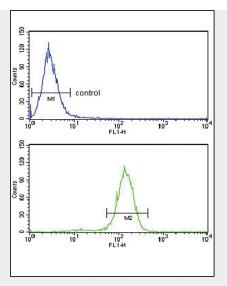
Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>
- **BCL3 Antibody (Center) Images**



Formalin-fixed and paraffin-embedded human lung carcinoma reacted with BCL3 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.





BCL3 Antibody (Center) (Cat. #AP9337c) flow cytometry analysis of Hela cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

BCL3 Antibody (Center) - Background

BCL3 is a proto-oncogene candidate. It is identified by its translocation into the immunoglobulin alpha-locus in some cases of B-cell leukemia. The protein contains seven ankyrin repeats, which are most closely related to those found in I kappa B proteins. This protein functions as a transcriptional co-activator that activates through its association with NF-kappa B homodimers.

BCL3 Antibody (Center) - References

Kabuta,T. et.al., Biochem. Biophys. Res. Commun. 394 (3), 697-702 (2010) Talmud,P.J. et.al., Am. J. Hum. Genet. 85 (5), 628-642 (2009) Folco,E.J. et.al., J. Biol. Chem. 284 (38), 25569-25575 (2009) BCL3 Antibody (Center) - Citations

• Hepatic B cell leukemia-3 promotes hepatic steatosis and inflammation through insulin-sensitive metabolic transcription factors.