



BCL2L14, BCL2-like 14 polyclonal antibody

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Box 1 | Basic Info

Cat. No.	ABP-PAB-10209
Animal ID	RC40104
Host	Rabbit
Reactivity	Human
Format	Purified
Accession number	NM_138722
Amount	100µg

Alternative Name(s):

BCLG, apoptosis facilitator, apoptosis regulator BCL-G

References:

1. Ozalp SS, Yalcin OT, Tanir HM, Dundar E, Yildirim S: Bcl-2 expression in preinvasive and invasive cervical lesions. *Eur. J. Gynaecol. Oncol.* 23(5): 419-422 (2002).
2. Guo B, Godzik A, Reed JC: Bcl-G, a novel pro-apoptotic member of the Bcl-2 family. *J. Biol. Chem.* 276(4): 2780-2785 (2001).

BCL2-like 14 (BCL2L14), also called Bcl-G, is a novel pro-apoptotic member of the Bcl-2 family. The human BCL2L14 gene encodes two proteins through alternative mRNA splicing, BCL2L14(L) (long) and BCL2L14(S) (short) consisting of 327 and 252 amino acids in length, respectively. BCL2L14(L) is expressed widely in adult human tissues, whereas BCL2L14(S) is restricted to testis. Overexpression of BCL2L14(L) or BCL2L14(S) induces apoptosis although BCL2L14(S) is far more potent than BCL2L14(L). The BCL2L14 gene encodes three protein isoforms (1, 2 and 3). Protein isoform 1 is the longest and is the only one seen by this antibody. Protein isoform 2, also known as BCL2L14 short form, contains an extra segment within the coding region, which results in a frameshift, when compared to isoform 1, and thus, contains a shorter and distinct C terminus, as compared to isoform 1. BCL2L14 isoform 3, also known as BCL2L14 median form, contains a distinct 3' coding region and 3' UTR when compared to isoform 1, and thus has a shorter and distinct C terminus.

Buffers

Purified rabbit polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.

Immunogen

KLH conjugated synthetic peptide comprised of amino acids 298 - 312 [TKYLKFNFSWVQHH] of the human BCL2-like 14 (BCL2L14) protein.

Application

Tested by peptide-specific ELISA (1:1,000).

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. Avoid repeated freeze-thaw cycles.