

Datasheet for ABIN1882066
anti-BCL2L14 antibody (AA 194-229)

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Overview

Quantity:	400 µL
Target:	BCL2L14
Binding Specificity:	AA 194-229
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This Bcl antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 194-229 amino acids from human Bcl.
Clone:	RB0968
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	BCL2L14
Abstract:	BCL2L14 Products
Background:	Bcl-G belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular

Target Details

activities. Overexpression of Bcl-G has been shown to induce apoptosis in cells.

Molecular Weight: 36598

NCBI Accession: [NP_110393](#), [NP_620048](#), [NP_620049](#)

UniProt: [Q9BZR8](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000. WB: 1:2000. IHC-P: 1:50~100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

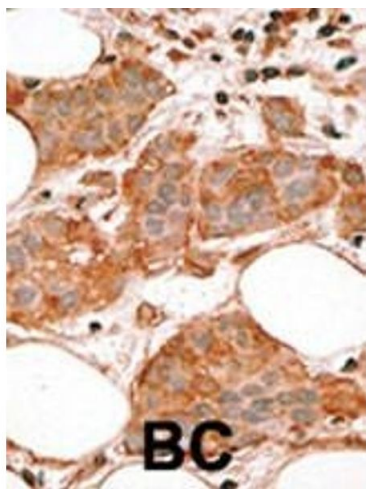
Storage: 4 °C, -20 °C

Expiry Date: 6 months

Publications

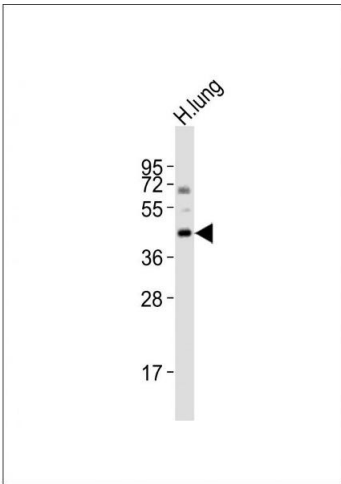
Product cited in: Zampagni, Cascella, Casamenti, Grossi, Evangelisti, Wright, Becatti, Liguri, Mannini, Campioni, Chiti, Cecchi: "A comparison of the biochemical modifications caused by toxic and non-toxic protein oligomers in cells." in: **Journal of cellular and molecular medicine**, Vol. 15, Issue 10, pp. 2106-16, (2011) ([PubMed](#)).

Liao, Lasbury, Wang, Zhang, Durant, Murakami, Matsufuji, Lee: "Pneumocystis mediates overexpression of antizyme inhibitor resulting in increased polyamine levels and apoptosis in alveolar macrophages." in: **The Journal of biological chemistry**, Vol. 284, Issue 12, pp. 8174-84, (2009) ([PubMed](#)).



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.



Western Blotting

Image 2. Western blot analysis of anti-Bcl-G BH3 Domain Pab (ABIN1882066 and ABIN2846157) in K562 cell line lysates (35 µg/lane). Bcl-G BH3 Domain (arrow) was detected using the purified Pab.



Western Blotting

Image 3. Cell lysates were subjected to Western blotting to determine the expression of Bcl-gS protein. The levels of alpha-tubulin were determined to assure equal loading.