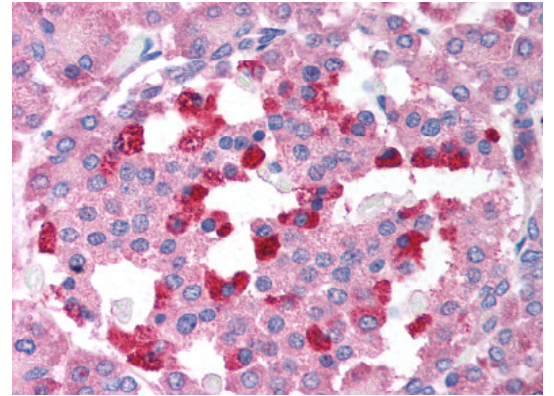


AP07282PU-N**Polyclonal Antibody to Bcl-2-like 14 (C-term) - Purified**

Alternate names:	Apoptosis facilitator Bcl-2-like protein 14, BCL2L14, BCLG, Bcl-G, Bcl2-L-14
Quantity:	50 µg
Concentration:	1 mg/ml
Background:	Members in the Bcl-2 family are critical regulators of apoptosis by either inhibiting or promoting cell death. Bcl-2 homology 3 (BH3) domain is a potent death domain. BH3 domain containing pro-apoptotic proteins, including Bad, Bax, Bid, Bik, and Hrk, form a growing subclass of the Bcl-2 family. A novel BH3 domain containing protein was recently identified and designated Bcl-G. The mRNA of Bcl-G encodes 2 isoforms, Bcl-GL, which is widely expressed in multiple tissues, and Bcl-GS, which is only found in testis. The Bcl-GS protein is predominantly localized to cytoplasmic organelles whereas Bcl-GL was distributed throughout the cytosol. Overexpression of either protein induced apoptosis, although Bcl-GS was far more potent than Bcl-GL. Apoptosis induction was dependent on the BH3 domain and could be suppressed by co-expression with the anti-apoptotic Bcl-XL protein.
Uniprot ID:	Q9BZR8
NCBI:	NP_110393.1
GeneID:	79370
Host:	Rabbit
Immunogen:	Synthetic peptide - KLH conjugated corresponding to 15 amino acids near the C-terminus of Human Bcl-G
Format:	State: Liquid purified IgG fraction. Purification: Ion Exchange Chromatography. Buffer System: PBS containing 0.02% Sodium Azide as preservative.
Applications:	Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot: 2.5 - 5 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to a peptide corresponding to 15 amino acids near the C-terminus of Bcl-G.
Species Reactivity:	Tested: Human. Expected from sequence similarity: Mouse, Rat.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Pancreas: Formalin-Fixed Paraffin-Embedded (FFPE)



Brain, cerebellum: Formalin-Fixed Paraffin-Embedded (FFPE)

