

CAB20227

Product Information

Product SKU:	CAB20227	Gene ID:	581	Size:	20uL, 100uL
Clone No:	ARC5006-10	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	21kDa	Conjugate:	Unconjugated
Calculated MW:	21kDa	Isotype:	IgG

Immunogen Information

Background:	The protein encoded by this gene 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 activities. This protein forms a heterodimer with BCL2, and functions as an apoptotic activator. The association and the ratio of BAX to BCL2 also determines survival or death of a cell following an apoptotic stimulus. This protein is reported to interact with, and increase the opening of, the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss in membrane potential and the release of cytochrome c. The expression of this gene is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis. Multiple alternatively spliced transcript variants, which encode different isoforms, have been reported for this gene.
Recommended Dilution:	WB,1:2000 - 1:10000 IF/ICC,1:50 - 1:200 IP,0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
Synonyms:	BCL2L4; ax
Purification Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 10-70 of human Bax (NP_620116.1).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

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