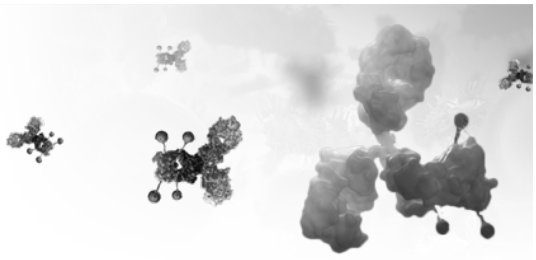

CARD14 blocking peptide (CDBP5165)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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. 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. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 μg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	BAX BCL2-associated X protein [Homo sapiens (human)]
Official Symbol	CARD14
Synonyms	BAX; BCL2-associated X protein; BCL2L4; apoptosis regulator BAX; bcl2-L-4; bcl-2-like protein

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	4; BCL2-associated X protein omega
Entrez Gene ID	581
mRNA Refseq	NM_001291428
Protein Refseq	NP_001278357
UniProt ID	Q07812
Pathway	Activation; AhR pathway; Amyotrophic lateral sclerosis (ALS); Apoptosis; Apoptosis Modulation and Signaling; B Cell Receptor Signaling Pathway; Caspase cascade in apoptosis; Ceramide signaling pathway
Function	BH3 domain binding; BH3 domain binding; channel activity; identical protein binding; lipid binding; protein binding; protein heterodimerization activity; protein homodimerization activity; protein homodimerization activity

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