



DIABLO blocking peptide (CDBP6162)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes an inhibitor of apoptosis protein (IAP)-binding protein. The encoded mitochondrial protein enters the cytosol when cells undergo apoptosis, and allows activation of caspases by binding to inhibitor of apoptosis proteins. Overexpression of the encoded protein sensitizes tumor cells to apoptosis. A mutation in this gene is associated with young-adult onset of nonsyndromic deafness-64. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, May 2013]
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	DIABLO diablo, IAP-binding mitochondrial protein [Homo sapiens (human)]
Official Symbol	DIABLO
Synonyms	DIABLO; diablo, IAP-binding mitochondrial protein; SMAC; DFNA64; diablo homolog, mitochondrial; direct IAP-binding protein with low pI; second mitochondria-derived activator of caspase

Entrez Gene ID	56616
mRNA Refseq	NM_001278302
Protein Refseq	NP_001265231
UniProt ID	Q9NR28
Pathway	Apoptosis; Apoptosis Modulation and Signaling; Apoptotic factor-mediated response; Caspase cascade in apoptosis; Intrinsic Pathway for Apoptosis; Release of apoptotic factors from the mitochondria; SMAC binds to IAPs; SMAC-mediated apoptotic response
Function	protein binding