



CARD8 blocking peptide (CDBP5236)

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 caspase recruitment domain (CARD)-containing family of proteins, which are involved in pathways leading to activation of caspases or nuclear factor kappa-B (NFkB). This protein may be a component of the inflammasome, a protein complex that plays a role in the activation of proinflammatory caspases. It is thought that this protein acts as an adaptor molecule that negatively regulates NFkB activation, CASP1-dependent IL1B secretion, and apoptosis. Polymorphisms in this gene may be associated with a susceptibility to rheumatoid arthritis. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, May 2010]
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	CARD8 caspase recruitment domain family, member 8 [Homo sapiens (human)]
Official Symbol	CARD8
Synonyms	CARD8; caspase recruitment domain family, member 8; NDPP; DACAR; DAKAR; NDPP1; TUCAN; CARDINAL; caspase recruitment domain-containing protein 8; apoptotic protein

NDPP1; CARD inhibitor of NF-kappaB-activating ligands; tumor up-regulated CARD-containing antagonist of CASP9; tumor up-regulated CARD-containing antagonist of caspase nine

Entrez Gene ID	22900
mRNA Refseq	NM_001184900
Protein Refseq	NP_001171829
UniProt ID	Q9Y2G2
Pathway	NOD pathway; NOD-like receptor signaling pathway
Function	NACHT domain binding; cysteine-type endopeptidase activator activity involved in apoptotic process; protein binding; protein homodimerization activity
