



NAIP blocking peptide (CDBP5783)

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

PRODUCT INFORMATION

Antigen Description	This gene is part of a 500 kb inverted duplication on chromosome 5q13. This duplicated region contains at least four genes and repetitive elements which make it prone to rearrangements and deletions. The repetitiveness and complexity of the sequence have also caused difficulty in determining the organization of this genomic region. This copy of the gene is full length; additional copies with truncations and internal deletions are also present in this region of chromosome 5q13. It is thought that this gene is a modifier of spinal muscular atrophy caused by mutations in a neighboring gene, SMN1. The protein encoded by this gene contains regions of homology to two baculovirus inhibitor of apoptosis proteins, and it is able to suppress apoptosis induced by various signals. Alternatively spliced transcript variants encoding distinct isoforms have been found 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	NAIP NLR family, apoptosis inhibitory protein [Homo sapiens (human)]
Official Symbol	NAIP

Synonyms	NAIP; NLR family, apoptosis inhibitory protein; BIRC1; NLRB1; psiNAIP; baculoviral IAP repeat-containing protein 1; neuronal apoptosis inhibitory protein; psi neuronal apoptosis inhibitory protein; nucleotide-binding oligomerization domain, leucine rich repeat and BIR domain containing 1
Entrez Gene ID	4671
mRNA Refseq	NM_004536
Protein Refseq	NP_004527
UniProt ID	Q13075
Pathway	Legionellosis; NOD-like receptor signaling pathway
Function	ATP binding; cysteine-type endopeptidase inhibitor activity involved in apoptotic process; metal ion binding; nucleoside-triphosphatase activity; protein binding
