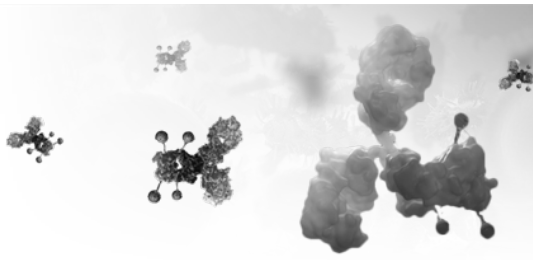

Anti-NAIP (aa 1294-1403) polyclonal antibody (DPAB-DC1993)

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.
Immunogen	BIRC1 (NP_004527, 1294 a.a. ~ 1403 a.a) partial recombinant protein with GST tag. The sequence is LENLKLSINHKITEEGYRNFFQALDNMPNLQELDISRHFTECIKAQATTVKSLSQCVLRL PRLIRLNMLSWLLDADDIALLNVMKERHPQSKYLTILQKWILPFSPIIQK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None

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Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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
Protein Refseq	NP_004527
UniProt ID	Q13075
Chromosome Location	5q13.2
Pathway	Legionellosis;
Function	ATP binding; cysteine-type endopeptidase inhibitor activity involved in apoptotic process; metal ion binding; nucleoside-triphosphatase activity

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