

## Summary

Production Name	NAIP Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human, Mouse

#### Performance

Conjugation	Unconjugated
Modification	Unmodified
lsotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

#### Immunogen

Gene Name	NAIP BIRC1
Alternative Names	Baculoviral IAP repeat-containing protein 1 (Neuronal apoptosis inhibitory protein)
Gene ID	4671.0
SwissProt ID	Q13075.Synthetic peptide from human protein at AA range: 1191-1240

## **Application**

Dilution Ratio IHC 1:50-200 ELISA 1:10000-2
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**Molecular Weight** 

### Background

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

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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 Refdisease:Mutated or deleted forms of NAIP have been found in individuals with severe spinal muscular atrophy (SMA) leading to the hypothesis that mutations in the NAIP locus may contribute to the SMA phenotype.,function:Prevents motor-neuron apoptosis induced by a variety of signals.,similarity:Contains 1 NACHT domain.,similarity:Contains 3 BIR repeats.,tissue specificity:Expressed in motor neurons, but not in sensory neurons. Found in liver and placenta, and to a lesser extent in spinal cord.,

### **Research Area**

NOD-like receptor;

# Image Data



Immunohistochemical analysis of paraffin-embedded Human-placenta, antibody was diluted at 1:100

### Note

For research use only.