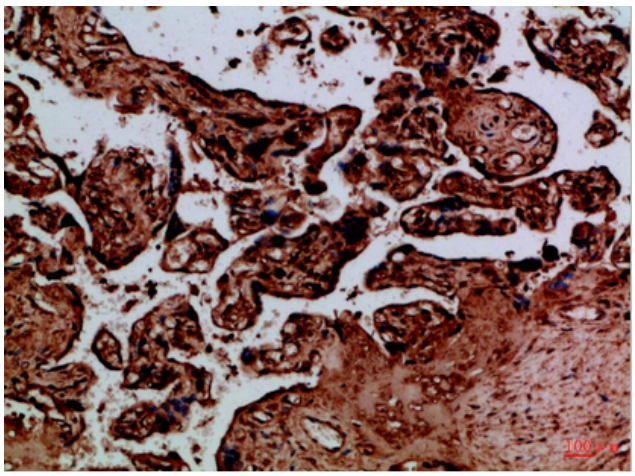
NAIP Polyclonal Antibody

Catalog No	BYab-10752
Isotype	IgG
Reactivity	Human;Mouse
Applications	IHC;IF;ELISA
Gene Name	NAIP BIRC1
Protein Name	Baculoviral IAP repeat-containing protein 1 (Neuronal apoptosis inhibitory protein)
Immunogen	Synthetic peptide from human protein at AA range: 1191-1240
Specificity	The antibody detects endogenous NAIP
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Baculoviral IAP repeat-containing protein 1 (Neuronal apoptosis inhibitory protein)
Observed Band	
Cell Pathway	cytoplasm,basolateral plasma membrane,neuron projection,perikaryon,extracellular exosome,
Tissue Specificity	Expressed in motor neurons, but not in sensory neurons. Found in liver and placenta, and to a lesser extent in spinal cord.
Function	disease: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.,
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 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 Ref
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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