

Datasheet for ABIN7268931

anti-NAIP antibody

3 Images

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Overview

Quantity:	100 µL
Target:	NAIP
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This NAIP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	NAIP Rabbit mAb
Immunogen:	A synthesized peptide derived from human NAIP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	NAIP
Alternative Name:	NAIP (NAIP Products)
Background:	This gene is part of a 500 kb inverted duplication on chromosome 5q13. This duplicated region

Target Details

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. Alternative splicing and the use of alternative promoters results in multiple transcript variants. [provided by RefSeq, Nov 2016],BIRC1, NLRB1, psiNAIP,Apoptosis,Cell Biology & Developmental Biology,NAIP

Molecular Weight: 160kDa

Gene ID: 4671

UniProt: [Q13075](#)

Pathways: [Apoptosis](#), [Inflammasome](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

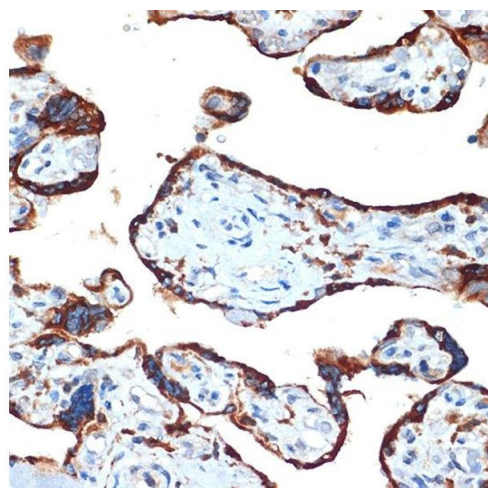
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

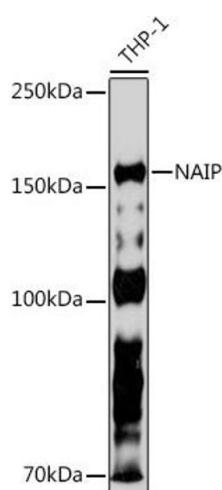
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



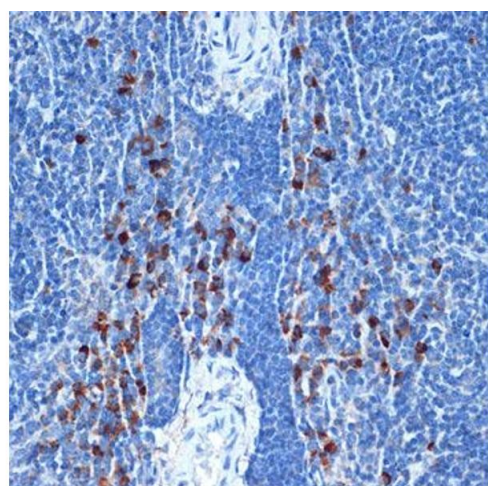
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human placenta using NAIP Rabbit mAb (ABIN7268931) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of THP-1 cells, using NAIP Rabbit mAb (ABIN7268931) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded mouse spleen using NAIP Rabbit mAb (ABIN7268931) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.