

AHNAK Rabbit pAb

Catalog No.: A20498

Basic Information

Observed MW

Refer to Figures

Calculated MW

629kDa

Category

Primary antibody

Applications

ELISA, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

The protein encoded by this gene is a large (700 kDa) structural scaffold protein consisting of a central domain with 128 aa repeats. The encoded protein may play a role in such diverse processes as blood-brain barrier formation, cell structure and migration, cardiac calcium channel regulation, and tumor metastasis. A much shorter variant encoding a 17 kDa isoform exists for this gene, and the shorter isoform initiates a feedback loop that regulates alternative splicing of this gene.

Recommended Dilutions

IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID	Swiss Prot
79026	Q09666

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-149 of human AHNAK (NP_001611.1).

Synonyms

PM227; AHNAK1; AHNAKRS; AHNAK

Contact

 | www.abclonal.com

Product Information

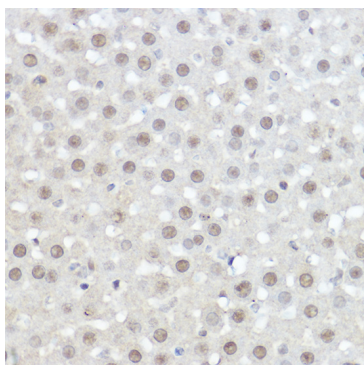
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

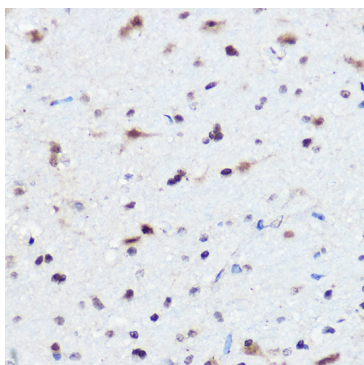
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

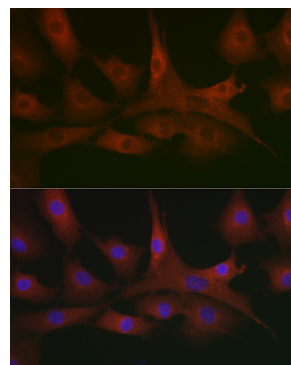
Validation Data



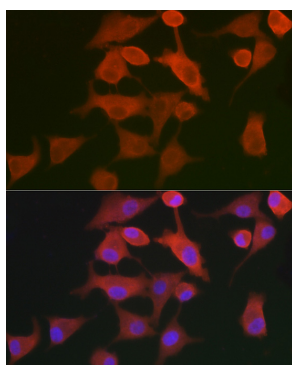
Immunohistochemistry analysis of AHNAK in paraffin-embedded Mouse liver using AHNAK Rabbit pAb (A20498) at dilution of 1:50 (40x lens). 1. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of AHNAK in paraffin-embedded Mouse brain using AHNAK Rabbit pAb (A20498) at dilution of 1:50 (40x lens). 1. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of NIH/3T3 cells using AHNAK Rabbit pAb (A20498) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of A-549 cells using AHNAK Rabbit pAb (A20498) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.