

Anti-AHNAK Rabbit pAb

Purified Rabbit Polyclonal Antibody

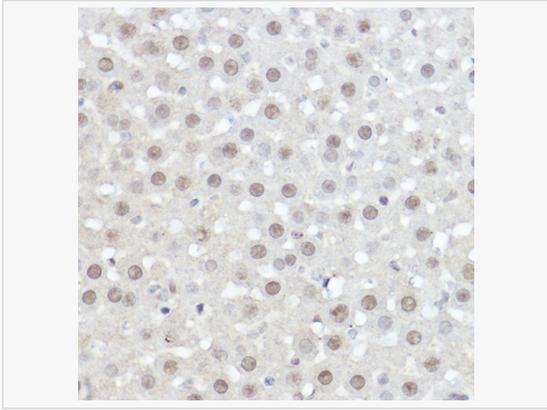
Catalog # P104777

Product Information

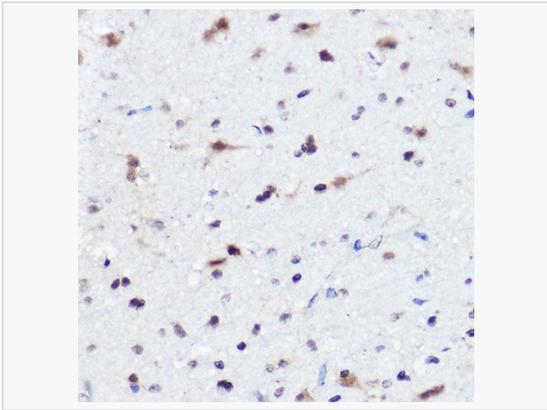
Application	IHC-P/IF (Tissue-P), IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	IHC-P 1:50~1:200; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-149 of human AHNAK (NP_001611.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-AHNAK Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

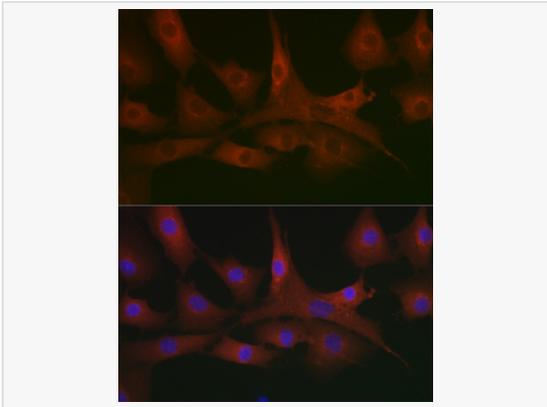
Synonyms	PM227; AHNAK1; AHNAKRS; AHNAK.
Calculated MW	Calculated MW: 629 kDa; Observed MW: Refer to Figures
Uniprot ID	Q09666
Gene ID	79026
Background	The protein encoded by this gene is a large (700 kDa) structural scaffold protein consisting of a central domain with 128 aa repeats. The encoded protein 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.



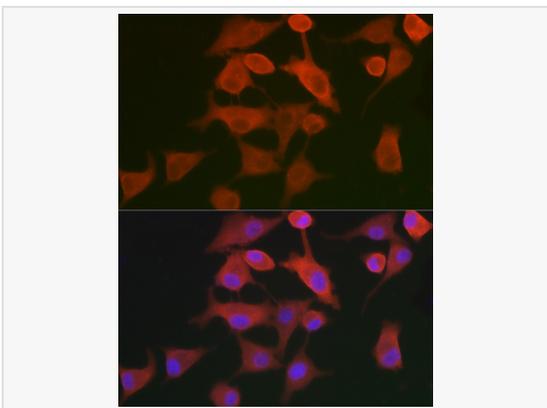
Immunohistochemistry analysis of paraffin-embedded Mouse liver using AHNAK Rabbit pAb (P104777) at dilution of 1:50 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using AHNAK Rabbit pAb (P104777) at dilution of 1:50 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of NIH/3T3 cells using AHNAK Rabbit pAb (P104777) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of A-549 cells using AHNAK Rabbit pAb (P104777) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.