

HINT1 Rabbit mAb

Catalog No.: A20894 **Recombinant**

Basic Information

Observed MW

14kDa

Calculated MW

14kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC2853

Background

This gene encodes a protein that hydrolyzes purine nucleotide phosphoramidates substrates, including AMP-morpholidate, AMP-N-alanine methyl ester, AMP-alpha-acetyl lysine methyl ester, and AMP-NH₂. The encoded protein interacts with these substrates via a histidine triad motif. This gene is considered a tumor suppressor gene. In addition, mutations in this gene can cause autosomal recessive neuromyotonia and axonal neuropathy. There are several related pseudogenes on chromosome 7. Several transcript variants have been observed.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

3094

Swiss Prot

P49773

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HINT1 (P49773).

Synonyms

HINT; NMN; PKCI-1; PRKCNH1

Contact

	400-999-6126
	cn.market@abclonal.com.cn
	www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

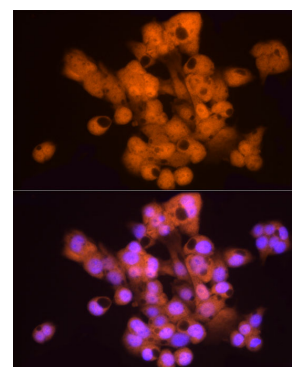
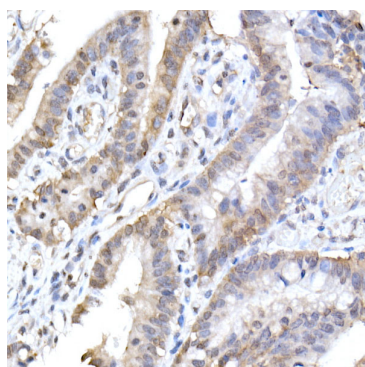
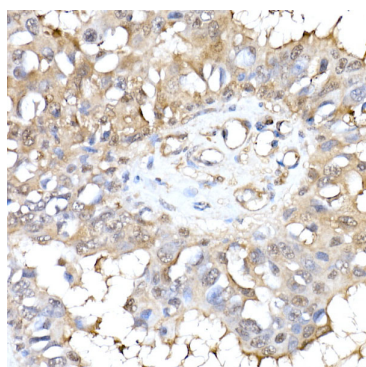
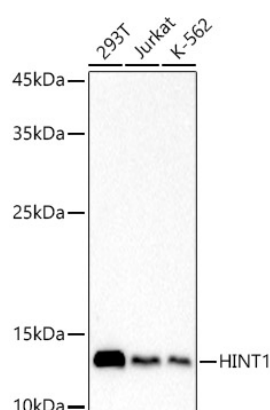
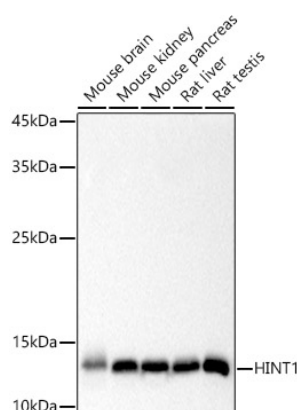
Affinity purification

Storage

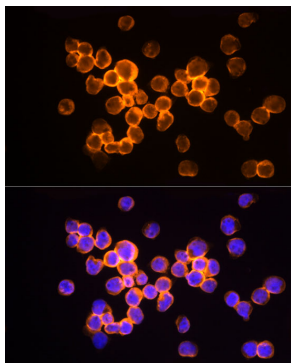
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

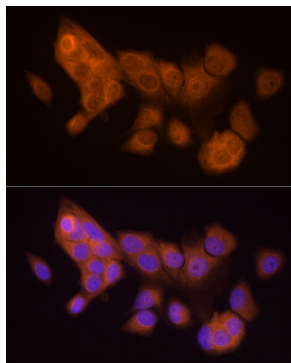
Validation Data



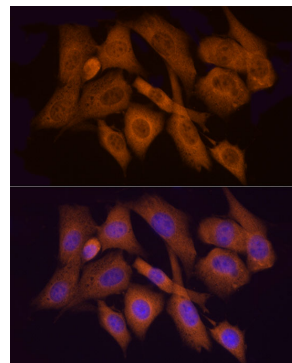
Validation Data



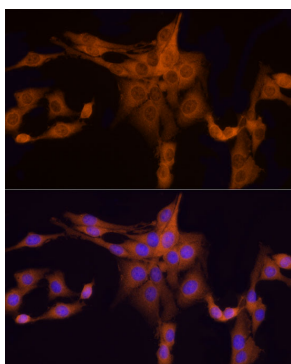
Immunofluorescence analysis of Jurkat cells using HINT1 Rabbit mAb (A20894) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of MCF7 cells using HINT1 Rabbit mAb (A20894) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using HINT1 Rabbit mAb (A20894) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using HINT1 Rabbit mAb (A20894) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.