

HINT1

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:1000 - 1:2000

Calculated MW: 14kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human HINT1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

HINT; NMN; PKCI-1; PRKCNH1;

Catalog #: A10221

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3094

Isotype: IgG

Swiss Prot: P49773

Purity: Affinity purification

For research use only.

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.

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