

## HINT1

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**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-NH<sub>2</sub>. 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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