

# N6AMT1/HEMK2 Rabbit pAb

Catalog No.: A21784

## Basic Information

### Observed MW

23kDa

### Calculated MW

23kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse

## Background

This gene encodes an N(6)-adenine-specific DNA methyltransferase. The encoded enzyme may be involved in the methylation of release factor I during translation termination. This enzyme is also involved in converting the arsenic metabolite monomethylarsonous acid to the less toxic dimethylarsonic acid. Alternative splicing of this gene results in multiple transcript variants. A related pseudogene has been identified on chromosome 11.

## Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

29104

### Swiss Prot

Q9Y5N5

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-214 of human N6AMT1/HEMK2 (NP\_037372.4).

### Synonyms

KMT9; MTQ2; PrmC; HEMK2; N6AMT; PRED28; C21orf127; m.HsaHemK2P; N6AMT1/HEMK2

## Contact

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## Product Information

### Source

rabbit

### Isotype

IgG

### Purification

Affinity purification

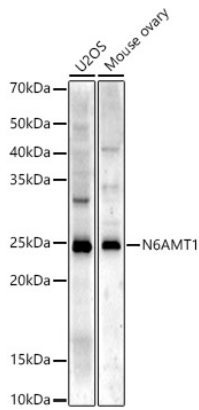
### Storage

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

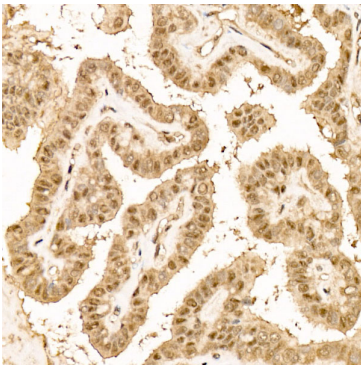
Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates, using N6AMT1 Rabbit pAb (A21784) at 1:500 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit.  
Exposure time: Q120s.



Immunohistochemistry analysis of N6AMT1/HEMK2 in paraffin-embedded human thyroid cancer tissue using N6AMT1/HEMK2 Rabbit pAb (A21784) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.