

## Product datasheet for **TA338930**

### HEMK2 (N6AMT1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-N6AMT1 antibody: synthetic peptide directed towards the N terminal of human N6AMT1. Synthetic peptide located within the following region: MAGENFATPFHGHVGRGAFSDVYEPAEDTFLLLNALEAAAAELAGVEICL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	20 kDa
Gene Name:	N-6 adenine-specific DNA methyltransferase 1 (putative)
Database Link:	<a href="#">NP_877426</a> <a href="#">Entrez Gene 67768 Mouse</a> <a href="#">Entrez Gene 29104 Human</a> <a href="#">Q9Y5N5</a>



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**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. [provided by RefSeq, Jul 2014]

**Synonyms:**

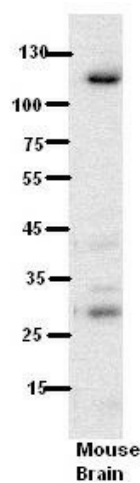
C21orf127; HEMK2; m.HsaHemK2P; MTQ2; N6AMT; PRED28

**Note:**

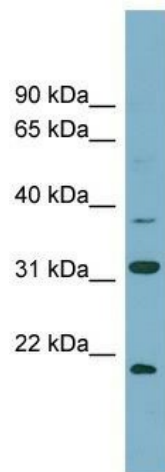
Immunogen Sequence Homology: Rat: 100%; Horse: 100%; Human: 100%; Bovine: 93%; Pig: 92%; Mouse: 92%; Rabbit: 92%; Guinea pig: 92%

**Protein Families:**

Druggable Genome

**Product images:**


WB Suggested Anti-N6AMT1 Antibody Titration:  
5% Milk; ELISA Titer: dilution: 1: 500; Positive Control: Mouse Brain lysate



WB Suggested Anti-N6AMT1 Antibody Titration:  
0.2-1 ug/ml; Positive Control: NCI-H226 cell lysate. N6AMT1 is supported by BioGPS gene expression data to be expressed in NCIH226