Anti-N6AMT1/HEMK2 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P107307

Product Information

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Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-186 of human N6AMT1/HEMK2 (NP_877426.3).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20℃. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20℃ storage.
Precautions	Anti-N6AMT1/HEMK2 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	KMT9; MTQ2; PrmC; HEMK2; N6AMT; PRED28; C21orf127; m.HsaHemK2P; N6AMT1/HEMK2.
Calculated MW	Calculated MW: 23 kDa; Observed MW: 23 kDa
Uniprot ID	Q9Y5N5
Gene ID	29104
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.
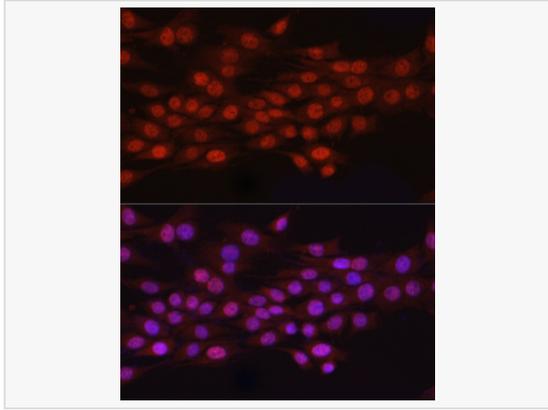
Immunofluorescence analysis of PC-12 cells using N6AMT1/HEMK2 Rabbit pAb (P107307) at dilution of 1:100 (40× lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.
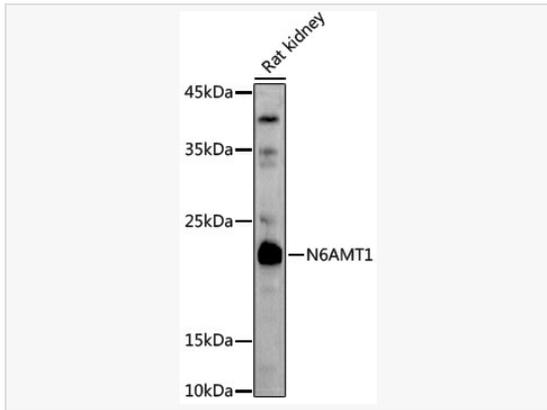
Western blot analysis of lysates from Rat kidney, using N6AMT1/HEMK2 Rabbit pAb (P107307) at 1:1,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit (SQ201).
Exposure time: 90s.