Datasheet for ABIN6144314

anti-N6AMT1 antibody (AA 1-186)

2 Images

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Overview

Quantity:	100 µL
Target:	N6AMT1
Binding Specificity:	AA 1-186
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This N6AMT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-186 of human N6AMT1 (NP_877426.3).
Sequence:	MAGENFATPF HGHVGRGAFS DVYEPAEDTF LLLNALEAAA AELAGVEICL EVGSGSGVVS AFLASMIGPQ ALYMCTDINP EAAACTLETA RCNKVHIQPV ITDLVGSHGI EAAWAGGRNG REVMDRFFPL VPDLLSPRGL FYLVTIKENN PEEILKIMKT KGLQGTTALS RQAGQETLSV LKFTKS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	N6AMT1

Target Details

Alternative Name:	N6AMT1 (N6AMT1 Products)
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 pf this gene results in multiple transcript variants. A related pseudogene has been identified on chromosome 11.,N6AMT1,C21orf127,HEMK2,MTQ2,N6AMT,PRED28,m.HsaHemK2P,Epigenetics & Nuclear Signaling,N6AMT1
Molecular Weight:	19 kDa/22 kDa
Gene ID:	29104
UniProt:	Q9Y5N5

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:100
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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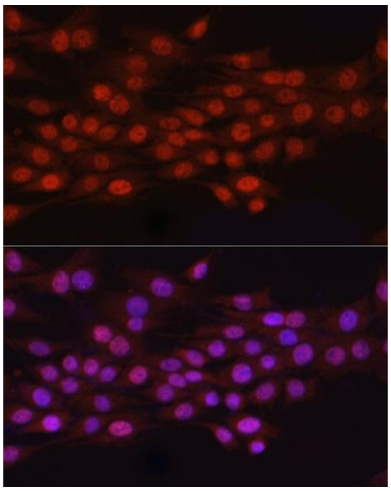
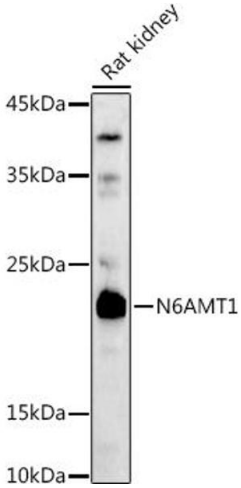


Immunofluorescence

Image 1. Immunofluorescence analysis of PC-12 cells using N6 Rabbit pAb (ABIN6131779, ABIN6144314, ABIN6144315 and ABIN6223027) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of Rat kidney, using N6 antibody (ABIN6131779, ABIN6144314, ABIN6144315 and ABIN6223027) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.

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