

Datasheet for ABIN1538845
anti-N6AMT1 antibody (N-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	N6AMT1
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This N6AMT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human N6AMT1.
Clone:	RB38309
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	N6AMT1
Alternative Name:	N6AMT1 (N6AMT1 Products)
Background:	The protein encoded by this gene belongs to the methyltransferase superfamily. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified.

Target Details

Molecular Weight:	22957
Gene ID:	29104
NCBI Accession:	NP_037372 , NP_877426
UniProt:	Q9Y5N5

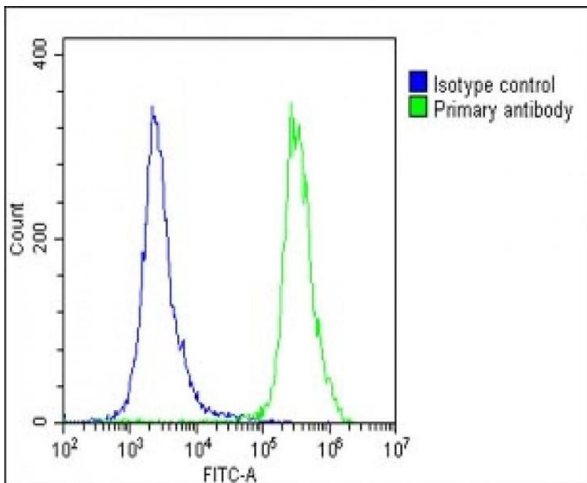
Application Details

Application Notes:	WB: 1:1000. WB: 1:2000. FC: 1:25
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C, -20 °C
Storage Comment:	N6AMT1 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months

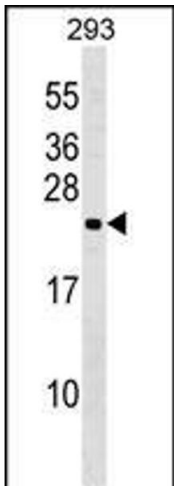
Images



Flow Cytometry

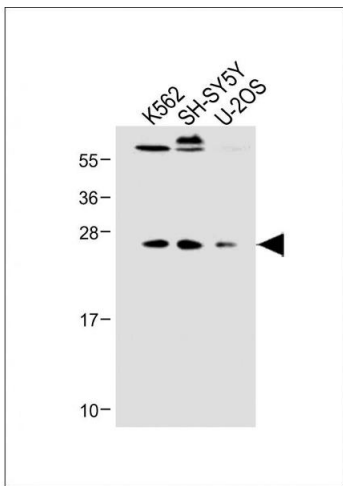
Image 1. Overlay histogram showing U-2 OS cells stained with (ABIN1538845 and ABIN2849604)(green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN1538845 and ABIN2849604), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-

Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(1583138) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.



Western Blotting

Image 2. N6T1 Antibody (N-term) (ABIN1538845 and ABIN2849604) western blot analysis in 293 cell line lysates (35 µg/lane). This demonstrates the N6T1 antibody detected the N6T1 protein (arrow).



Western Blotting

Image 3. All lanes : Anti-N6T1 Antibody (N-term) at 1:2000 dilution Lane 1: K562 whole cell lysate Lane 2: SH-SY5Y whole cell lysate Lane 3: U-2OS whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 23 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.