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Datasheet for ABIN6144688
anti-NMT2 antibody (AA 1-120)

2 Images

Overview

Quantity:	100 µL
Target:	NMT2
Binding Specificity:	AA 1-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NMT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human NMT2 (NP_004799.1).
Sequence:	MAEDSESAAS QQSLELDDQD TCGIDGDNEE ETEHAKGSPG GYLGAKKKKK KQKRKKEKPN SGGTKSDSAS DSQEIKIQQP SKNPSVPMQK LQDIQRAMEL LSACQGPARN IDEAAKHRYQ
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	NMT2
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Target Details

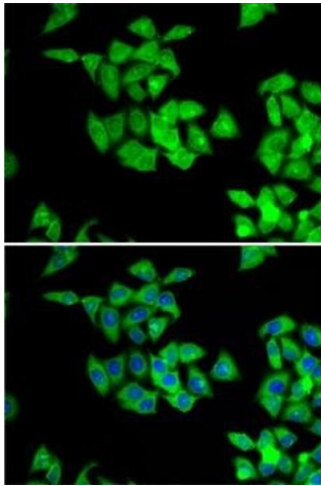
Alternative Name:	NMT2 (NMT2 Products)
Background:	This gene encodes one of two N-myristoyltransferase proteins. N-terminal myristoylation is a lipid modification that is involved in regulating the function and localization of signaling proteins. The encoded protein catalyzes the addition of a myristoyl group to the N-terminal glycine residue of many signaling proteins, including the human immunodeficiency virus type 1 (HIV-1) proteins, Gag and Nef. Alternative splicing results in multiple transcript variants.,NMT2,Cancer,Signal Transduction,Endocrine & Metabolism,Amino acid metabolism,NMT2
Molecular Weight:	56 kDa
Gene ID:	9397
UniProt:	O60551
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

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

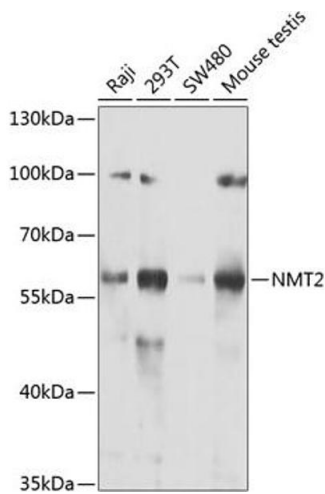
Handling

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.



Immunofluorescence

Image 1. Immunofluorescence analysis of A-549 cells using NMT2 antibody (ABIN6130572, ABIN6144688, ABIN6144690 and ABIN6222825). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using NMT2 antibody (ABIN6130572, ABIN6144688, ABIN6144690 and ABIN6222825) 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: 10s.