

Datasheet for ABIN7191664

anti-NMT1 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	NMT1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NMT1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide of Human NMT1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen affinity purification

Target Details

Target:	NMT1
Alternative Name:	NMT1 (NMT1 Products)
Background:	Background: Myristate, a rare 14-carbon saturated fatty acid, is cotranslationally attached by an amide linkage to the N-terminal glycine residue of cellular and viral proteins with diverse functions. N-myristoyltransferase catalyzes the transfer of myristate from CoA to proteins. N-myristoylation appears to be irreversible and is required for full expression of the biologic

Target Details

activities of several N-myristoylated proteins, including the alpha subunit of the signal-transducing guanine nucleotide-binding protein (G protein).

Aliases: Alternative, short form NMT S antibody, EC 2.3.1.97 antibody, Glycylpeptide N-tetradecanoyltransferase 1 antibody, Glycylpeptide N-tetradecanoyltransferase 1 antibody, Long form, NMT L antibody, Myristoyl CoA:protein N myristoyltransferase 1 antibody, Myristoyl-CoA:protein N-myristoyltransferase 1 antibody, N myristoyltransferase 1 antibody, NMT 1 antibody, NMT antibody, nmt1 antibody, NMT1_HUMAN antibody, Peptide N myristoyltransferase 1 antibody, Peptide N-myristoyltransferase 1 antibody, Type I N myristoyltransferase antibody, Type I N-myristoyltransferase antibody

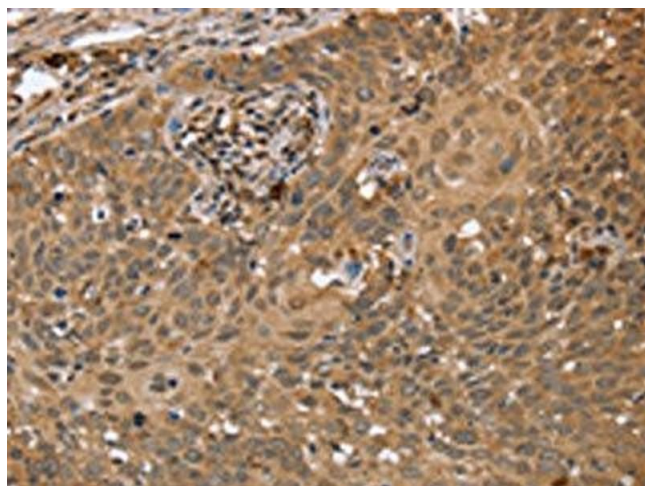
UniProt:	P30419
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	ELISA:1:1000-1:2000, WB:1:200-1:1000, IHC:1:50-1:200,
Restrictions:	For Research Use only

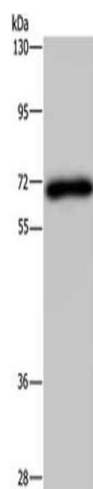
Handling

Format:	Liquid
Buffer:	-20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



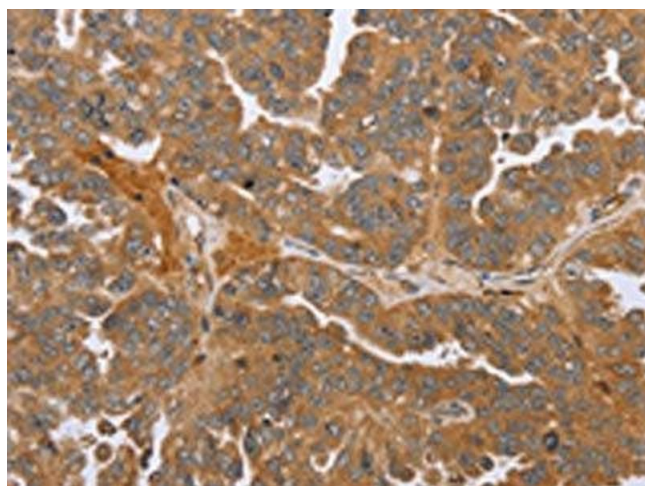
Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ABIN7191664(NMT1 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: x200)



Western Blotting

Image 2. Gel: 8 % SDS-PAGE, Lysate: 40 µg, Lane: Human kidney tissue, Primary antibody: ABIN7191664(NMT1 Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 3 minutes



Immunohistochemistry

Image 3. The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ABIN7191664(NMT1 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: x200)