10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NMT2 Rabbit pAb

Catalog # AP96794

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	O60551
Other Accession	O60551
Predicted	Rat, Pig, Human, Mouse, Rabbit, Chicken, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56980
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NMT2
Epitope Specificity	201-300/498
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the NMT family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	NMT2 catalyzes the reaction of N-terminal myristoylation of many signaling proteins. It transfers myristic acid from myristoyl coenzyme A to the amino group of a protein's N-terminal glycine residue. several distinct NMTs exist, varying in apparent molecular weight and /or subcellular distribution.

Additional Information

Gene ID	9397
Other Names	NMT2_HUMAN; NMT2; Myristoyl-CoA:protein N-myristoyltransferase 2 (NMT 2); Peptide N-myristoyltransferase 2; Protein-lysine myristoyltransferase NMT2; Type II N-myristoyltransferase; 2.3.1.97; NMT2_MOUSE; N-myristoyltransferase 2
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000 -10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	NMT2 {ECO:0000303|PubMed:9506952, ECO:0000312|HGNC:HGNC:7858}

Function	Adds a myristoyl group to the N-terminal glycine residue of certain cellular and viral proteins (PubMed:25255805, PubMed:9506952). Also able to mediate N-terminal lysine myristoylation of proteins: catalyzes myristoylation of ARF6 on both 'Gly-2' and 'Lys-3' (PubMed:32103017). Lysine myristoylation is required to maintain ARF6 on membranes during the GTPase cycle (PubMed:32103017).
Cellular Location	Cytoplasm. Membrane; Peripheral membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.