SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-PNMT/AF647 Conjugated antibody

Catalog Number: SL3912R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-PNMT/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human PNMT
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 ICC/IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Rat(predicted:Mouse,Dog,Pig,Horse,Rabbit)
Background:	background: Phenylethanolamine N-methyltransferase, PNMT, catalyzes the synthesis of epinephrine from norepinephrine, (adrenalin from noradrenalin), in catecholamine biosynthesis. **Function:** Converts noradrenaline to adrenaline. **Similarity:** Belongs to the NNMT/PNMT/TEMT family. **Database links:** UniProtKB/Swiss-Prot: P11086.1 Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. PNMT, also known as noradrenaline N-methyltransferase, functions to catalyze the transfer of a methyl group from S-adenosylmethionine to the amino terminus of noradrenaline, producing adrenaline. It is generally believed that large amounts of PNMT exist in the cytoplasm of chromaffin cells,

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	enabling the methylation of noradrenaline to form adrenaline (another pathway for adrenaline production).

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