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PNMT Antibody

Rabbit mAb
Catalog # AP92815

Product Information

Application	WB, IF, ICC
Primary Accession	P11086
Reactivity	Human, Mouse
Clonality	Monoclonal
Other Names	PENT; PNMT; PNMTase;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	30855

Additional Information

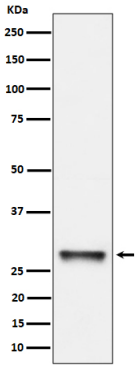
Dilution	WB 1:500~1:2000 ICC/IF 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human PNMT
Description	Converts noradrenaline to adrenaline.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	PNMT
Synonyms	PENT
Function	Catalyzes the transmethylation of nonepinephrine (noradrenaline) to form epinephrine (adrenaline), using S-adenosyl-L- methionine as the methyl donor (PubMed:20496117). Other substrates include phenylethanolamine and octopamine (PubMed:16277617, PubMed:16363801, PubMed:8812853). Also methylates normetanephrine (By similarity).

Images

Western blot analysis of PNMT expression in K562 cell lysate.



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