



PNMT rabbit pAb

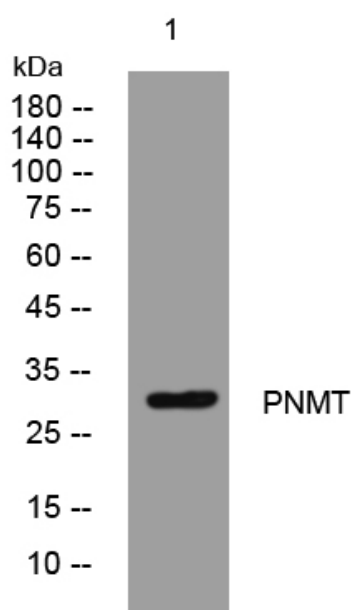
Catalog No	YP-Ab-08893
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB
Gene Name	PNMT PENT
Immunogen	Synthesized peptide derived from human PNMT AA range: 96-146
Specificity	This antibody detects endogenous levels of PNMT at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PNMTase; Phenylethanolamine N-methyltransferase; PENT; Noradrenaline N-methyltransferase; EC:2.1.1.28; PNMT; PNMT PENT
Observed Band	
Calculated Molecular Weight	
Cell Pathway	cytosol,
Tissue Specificity	
Function	catalytic activity: S-adenosyl-L-methionine + phenylethanolamine = S-adenosyl-L-homocysteine + N-methylphenylethanolamine., function: Converts noradrenaline to adrenaline., pathway: Catecholamine biosynthesis; epinephrine biosynthesis; epinephrine from norepinephrine: step 1/1., similarity: Belongs to the NNMT/PNMT/TEMT family.,
Background	The product of this gene catalyzes the last step of the catecholamine biosynthesis pathway, which methylates norepinephrine to form epinephrine (adrenaline). The enzyme also has beta-carboline 2N-methyltransferase activity. This gene is thought to play a key step in regulating epinephrine production. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Nov 2012],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4°over night