

## Product datasheet

### Anti-PNMT antibody [EPR7547(2)] ab167427

Recombinant RabMAb

[1 Abreviews](#) [4 References](#) [4 Images](#)

#### Overview

<b>Product name</b>	Anti-PNMT antibody [EPR7547(2)]
<b>Description</b>	Rabbit monoclonal [EPR7547(2)] to PNMT
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF <b>Unsuitable for:</b> Flow Cyt, IHC-P or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	WB: Recombinant Human PNMT protein ( <a href="#">ab89368</a> ), K562 cell lysate and human adrenal gland and mouse kidney tissue lysates. ICC/IF: K562 cells.
<b>General notes</b>	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
<b>Purity</b>	Tissue culture supernatant

<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR7547(2)
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab167427 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
<b>WB</b>		1/1000 - 1/10000. Predicted molecular weight: 31 kDa.
<b>ICC/IF</b>		1/50 - 1/100.

**Application notes** Is unsuitable for Flow Cyt, IHC-P or IP.

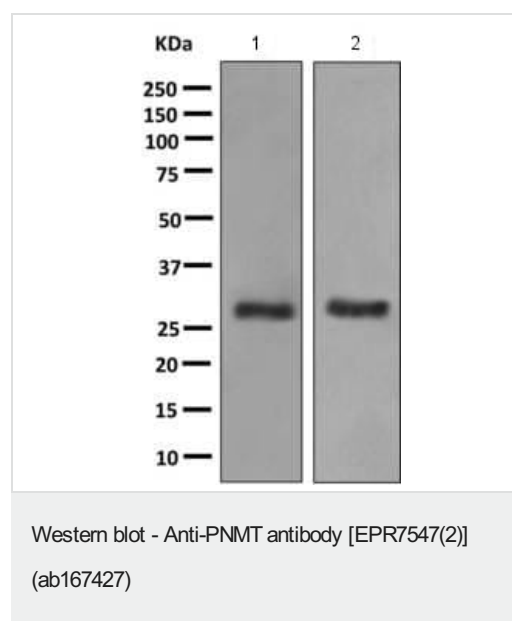
## Target

**Function** Converts noradrenaline to adrenaline.

**Pathway** Catecholamine biosynthesis; (R)-adrenaline biosynthesis; (R)-adrenaline from (R)-noradrenaline: step 1/1.

**Sequence similarities** Belongs to the NNMT/PNMT/TEMT family.

## Images



**All lanes** : Anti-PNMT antibody [EPR7547(2)] (ab167427) at 1/1000 dilution

**Lane 1** : K562 lysate

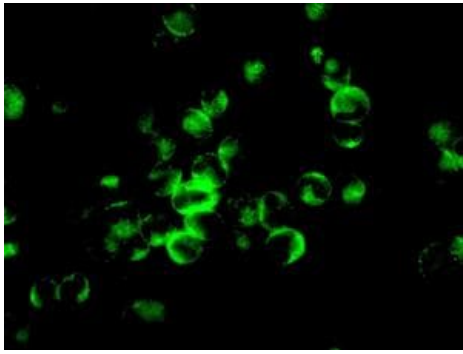
**Lane 2** : Human adrenal gland lysate

Lysates/proteins at 10 µg per lane.

### Secondary

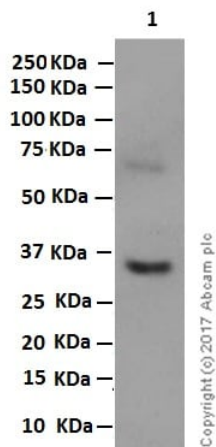
**All lanes** : Goat anti-rabbit HRP at 1/2000 dilution

**Predicted band size:** 31 kDa



Immunocytochemistry/ Immunofluorescence - Anti-PNMT antibody [EPR7547(2)] (ab167427)

Immunofluorescence analysis of K562 cells, labeling PNMT using ab167427 at a 1/50 dilution.



Western blot - Anti-PNMT antibody [EPR7547(2)] (ab167427)

Anti-PNMT antibody [EPR7547(2)] (ab167427) at 1/1000 dilution + Mouse kidney tissue lysate at 20 µg

#### Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

**Predicted band size:** 31 kDa

**Observed band size:** 31 kDa

**Exposure time:** 3 minutes

Blocking and dilution buffer: 5% NFDM/TBST.

#### Why choose a recombinant antibody?



Anti-PNMT antibody [EPR7547(2)] (ab167427)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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