

# Product Datasheet

## PCMT1 Antibody - BSA Free

### NBP1-85806

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-85806**

PCMT1 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

<b>Description</b>	Novus Biologicals Rabbit PCMT1 Antibody - BSA Free (NBP1-85806) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-PCMT1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	5110
<b>Gene Symbol</b>	PCMT1
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Reactivity reported in scientific literature (PMID: 24705123)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: AKALDVGSGSGILTACFARMVGCTGKVIKIDHIKELVDDSVNNVRKDDPTLLSS GRVQLVVG DGRMGY AEEAPYDAIHVGAAAPVVPQALIDQLKPGGRLILPVGPA GGNQMLEQYDKLQDGSIKMKPLMGVIYVPLTDKEKQWS

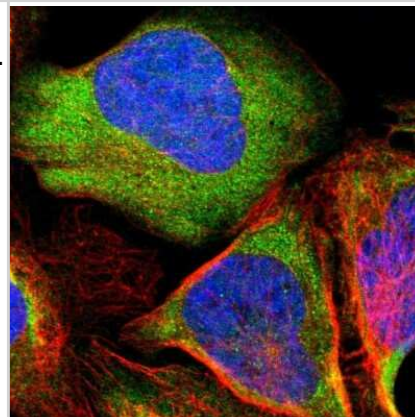
**Product Application Details**

<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

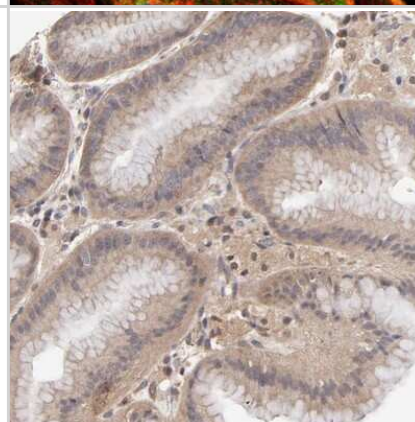


## Images

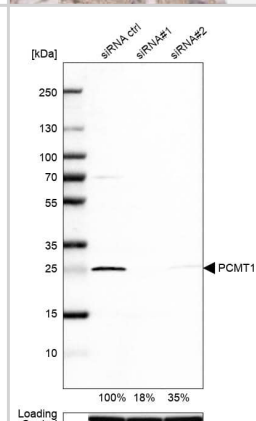
Immunocytochemistry/Immunofluorescence: PCMT1 Antibody [NBP1-85806] - Staining of human cell line U-2 OS shows localization to cytosol. Antibody staining is shown in green.



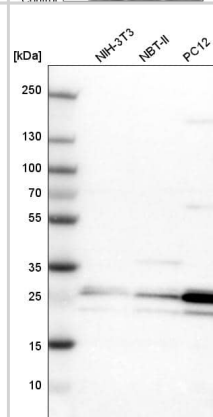
Immunohistochemistry-Paraffin: PCMT1 Antibody [NBP1-85806] - Staining of human stomach shows cytoplasmic positivity in glandular cells.



Analysis in MCF-7 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-PCMT1 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Analysis in mouse cell line NIH-3T3, rat cell line NBT-II and rat cell line pC12.



## Publications

Forsstrom B, Axnas BB, Stengele KP et al. Proteome-wide Epitope Mapping of Antibodies Using Ultra-dense Peptide Arrays. Mol Cell Proteomics 2014-06-01 [PMID: 24705123]



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### **Products Related to NBP1-85806**

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NBP1-85806PEP	PCMT1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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