

# Product Datasheet

## PALMD Antibody - BSA Free NBP1-88481

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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### Publications: 2

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Updated 12/2/2025 v.20.1

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**NBP1-88481**

PALMD Antibody - BSA Free

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

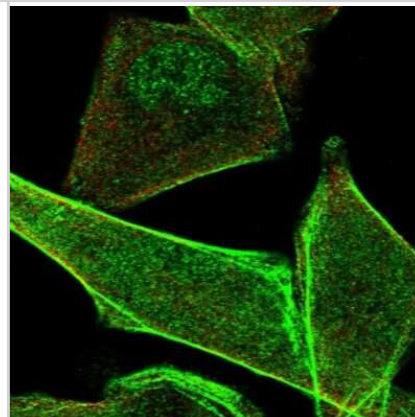
Product Description	
Description	Novus Biologicals Rabbit PALMD Antibody - BSA Free (NBP1-88481) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-PALMD Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	54873
Gene Symbol	PALMD
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: YDDGQKSVYAVSSNHSAAAYNGTDGLAPVEVEELLRQASERNNSKSPTEYHEPV YANPFYRPTTPQRETVTPGPNFQERIKIKTNGLGIGVNESIHNMGNGLSEERGN NFNHISPIPPVPHPRSVIQQAEEKLHTP

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	WB reported in scientific literature (PMID: 29511167). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

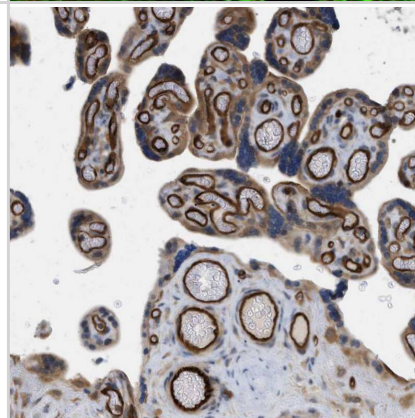


**Images**

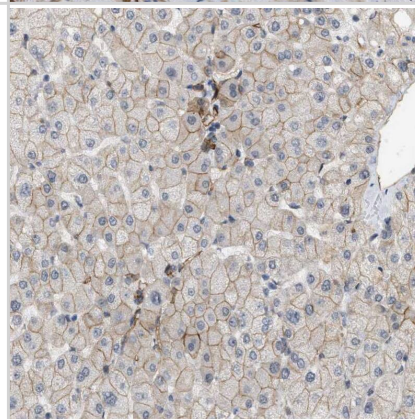
Immunocytochemistry/Immunofluorescence: PALMD Antibody [NBP1-88481] - Staining of human cell line RH-30 shows localization to nucleoplasm & actin filaments. Antibody staining is shown in green.



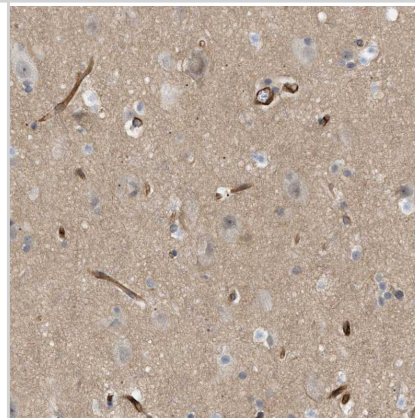
Staining of human placenta shows strong cytoplasmic positivity in decidual cells.



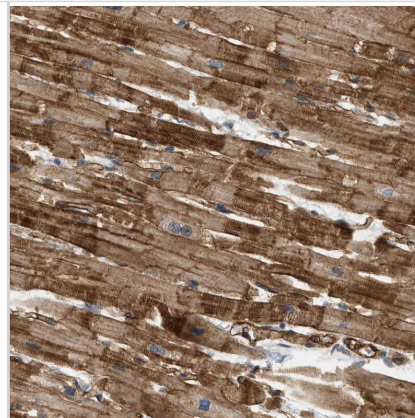
Staining of human liver shows moderate membranous positivity in hepatocytes.



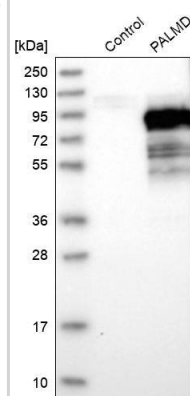
Staining of human cerebral cortex shows no positivity in neurons.



Staining of human heart muscle shows strong cytoplasmic positivity in cardiomyocytes.



Analysis in control (vector only transfected HEK293T lysate) and PALMD over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



## Publications

Arnaud Chignon, Mickael Rosa, Marie-Chloé Boulanger, Déborah Argaud, Romain Devillers, Valentin Bon-Baret, Ghada Mkannez, Zhonglin Li, Anne Rufiange, Nathalie Gaudreault, David Gosselin, Sébastien Thériault, Yohan Bossé, Patrick Mathieu Enhancer-associated aortic valve stenosis risk locus 1p21.2 alters NFATC2 binding site and promotes fibrogenesis *iScience* 2021-02-27 [PMID: 33748722]

Theriat S, Gaudreault N, Lamontagne M et al. A transcriptome-wide association study identifies PALMD as a susceptibility gene for calcific aortic valve stenosis. *Nat Commun.* 2018-03-07 [PMID: 29511167] (WB)



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### **Products Related to NBP1-88481**

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NBP1-88481PEP	PALMD Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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