

# Product Datasheet

## PLEKHA7 Antibody - BSA Free NBP1-85045

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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Updated 12/2/2025 v.20.1

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**NBP1-85045**

PLEKHA7 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

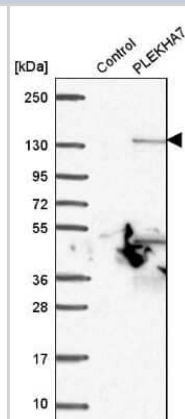
Product Description	
Description	Novus Biologicals Rabbit PLEKHA7 Antibody - BSA Free (NBP1-85045) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-PLEKHA7 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	144100
Gene Symbol	PLEKHA7
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 23990464).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SSLKRDMEKVERQAVPQANHTESCHECGRVGPGRHTRDCPHRGHDDIVNFER QEQEGEQYRSQRDPLEGKRDRSKARSPYSPAEDALFMDLPTGP

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	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
Application Notes	WB, ICC/IF reported in scientific literature (PMID: 23990464). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

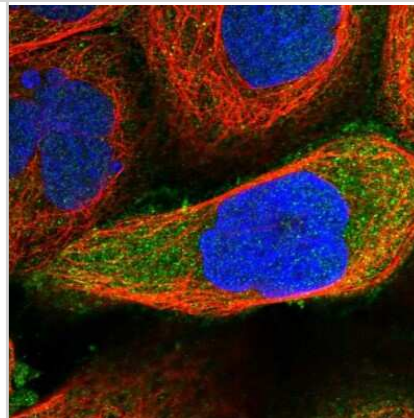


## Images

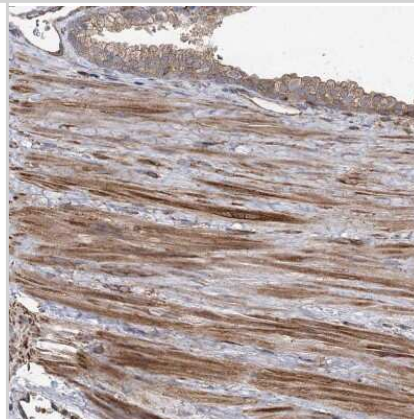
Western Blot: PLEKHA7 Antibody [NBP1-85045] - Analysis in control (vector only transfected HEK293T lysate) and PLEKHA7 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



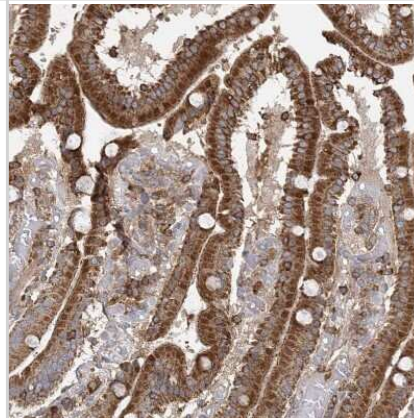
Immunocytochemistry/Immunofluorescence: PLEKHA7 Antibody [NBP1-85045] - Immunofluorescent staining of human cell line A-431 shows localization to nucleus, cytosol & cell junctions.



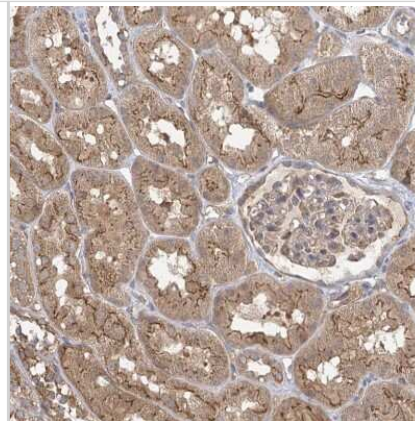
Immunohistochemistry-Paraffin: PLEKHA7 Antibody [NBP1-85045] - Staining of human prostate shows moderate to strong cytoplasmic positivity in smooth muscle cells.



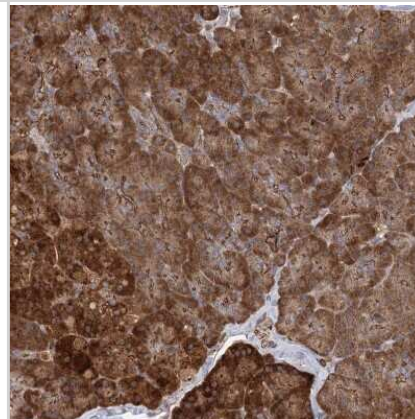
Immunohistochemistry-Paraffin: PLEKHA7 Antibody [NBP1-85045] - Staining of human duodenum shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: PLEKHA7 Antibody [NBP1-85045] - Staining of human kidney shows moderate cytoplasmic and membranous positivity in cells in tubules.



Immunohistochemistry-Paraffin: PLEKHA7 Antibody [NBP1-85045] - Staining of human pancreas shows strong cytoplasmic positivity in exocrine glandular cells and in islets of Langerhans.



## Publications

Kurita S, Yamada T, Rikitsu E et al. Binding between the Junctional Proteins Afadin and PLEKHA7 and Implication in the Formation of Adherens Junction in Epithelial Cells. J Biol Chem 2013-10-11 [PMID: 23990464] (ICC/IF, WB, Human)



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### **Products Related to NBP1-85045**

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NBP1-85045PEP	PLEKHA7 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.

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