

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.

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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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

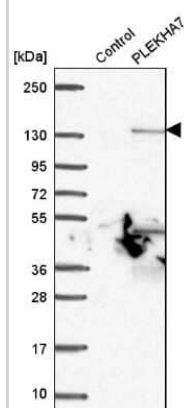
Host	Rabbit
Gene ID	144100
Gene Symbol	PLEKHA7
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 23990464).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SSLKRDMEKVERQAVPQANHTESCHECGRVGPGRHTRDCPHRGHDDIVNFER QEQEGEQYRSQRDPLEGKRDRSKARSPYSPAEDALFMDLPTGP

Product Application Details

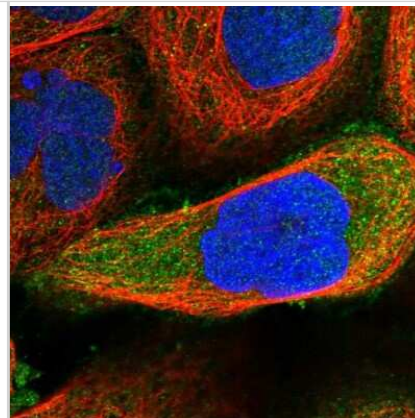
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
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

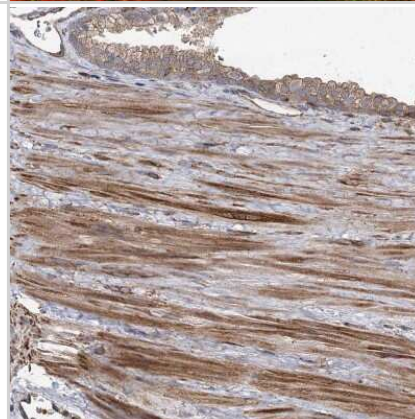
Western Blot: PLEKHA7 Antibody [NBP1-85045] - Analysis in control (vector only transfected HEK293T lysate) and PLEKHA7 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



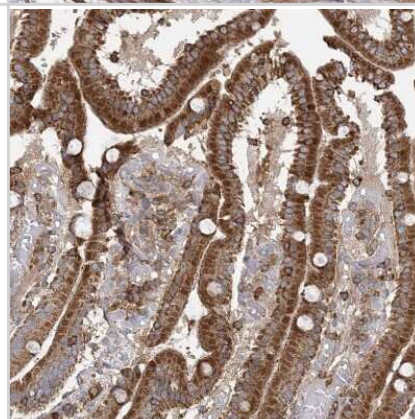
Immunocytochemistry/Immunofluorescence: PLEKHA7 Antibody [NBP1-85045] - Immunofluorescent staining of human cell line A-431 shows localization to nucleus, cytosol & cell junctions.



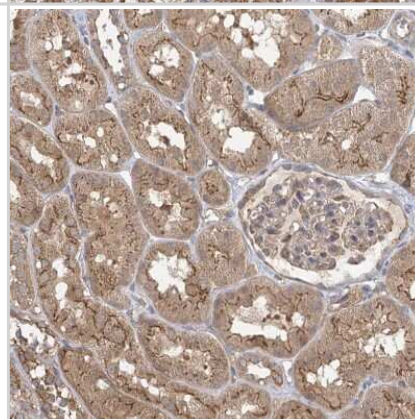
Immunohistochemistry-Paraffin: PLEKHA7 Antibody [NBP1-85045] - Staining of human prostate shows moderate to strong cytoplasmic positivity in smooth muscle cells.



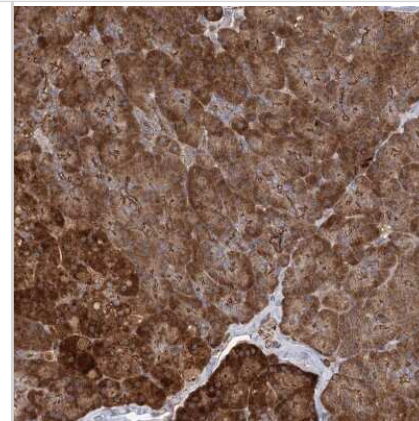
Immunohistochemistry-Paraffin: PLEKHA7 Antibody [NBP1-85045] - Staining of human duodenum shows strong cytoplasmic positivity in glandular cells.



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)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-85045

NBP1-85045PEP	PLEKHA7 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

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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