

Product Datasheet

DPEP1 Antibody - BSA Free

NBP1-86087

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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NBP1-86087

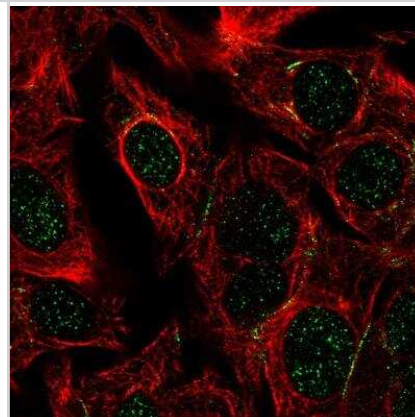
DPEP1 Antibody - BSA Free

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	
Description	Novus Biologicals Rabbit DPEP1 Antibody - BSA Free (NBP1-86087) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-DPEP1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1800
Gene Symbol	DPEP1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (80%), Rat (82%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SLIGVEGGHSIDSSLGVLRALYQLGMRYLTLTTHSCNTPWADNWLVDTG DSE PQ SQGLSPFGQRRVVKELNRLGV LIDL AHVSVATMKATLQLSRAPVIFSHSSAYSVC ASRRN
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	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

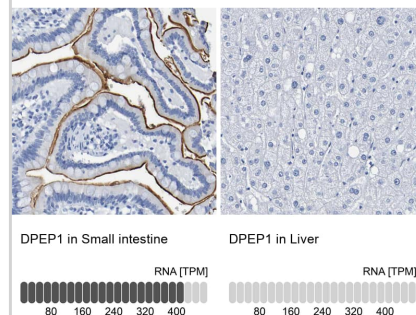


Images

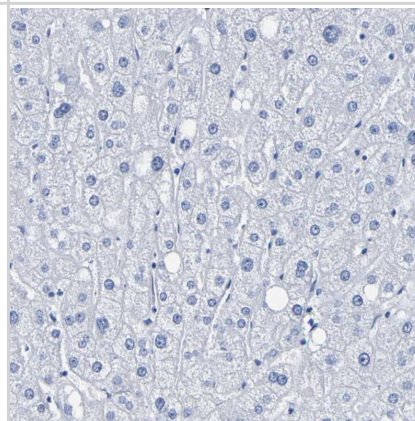
Immunocytochemistry/Immunofluorescence: DPEP1 Antibody [NBP1-86087] - Staining human cell line Hep G2 shows positivity in nucleus and cell junctions. Antibody staining is shown in green.



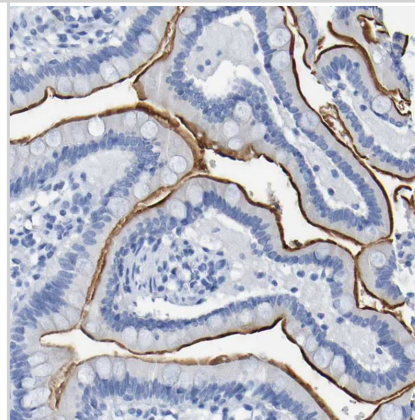
Immunohistochemistry analysis in human small intestine and liver tissues using HPA012783 antibody. Corresponding DPEP1 RNA-seq data are presented for the same tissues.



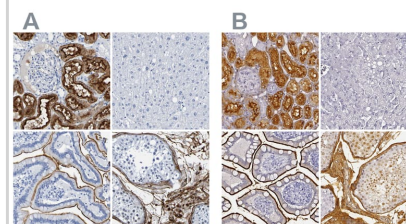
Staining of human liver shows no positivity in hepatocytes as expected.



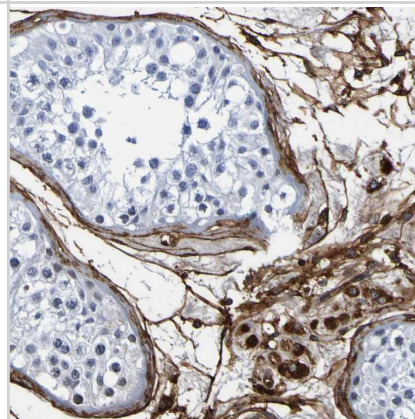
Staining of human small intestine shows strong positivity in apical membrane in glandular cells.



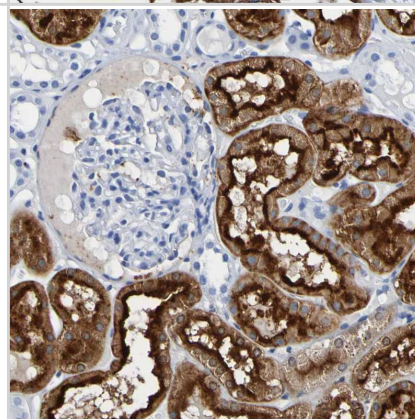
Staining of human kidney, liver, small intestine and testis using Anti-DPEP1 antibody NBP1-86087 (A) shows similar protein distribution across tissues to independent antibody NBP1-86115 (B).



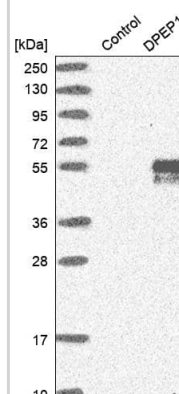
Staining of human testis shows strong membranous positivity in Leydig cells.



Staining of human kidney shows strong membranous and cytoplasmic positivity in cells in tubules.



Analysis in control (vector only transfected HEK293T lysate) and DPEP1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



Publications

Okamoto T, Matsumura N, Mandai M et al. Distinguishing primary from secondary mucinous ovarian tumors: an algorithm using the novel marker DPEP1. Mod Pathol. 2011-02-01 [PMID: 21076463]



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Products Related to NBP1-86087

NBP1-86087PEP	DPEP1 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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