

Product Datasheet

PECI Antibody - BSA Free NBP2-48614

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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NBP2-48614

PECI 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

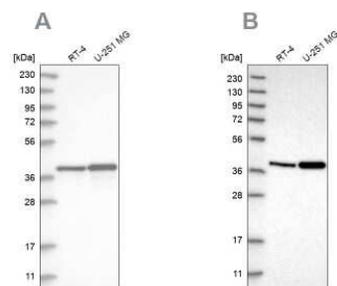
Product Description	
Description	Novus Biologicals Rabbit PECI Antibody - BSA Free (NBP2-48614) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10455
Gene Symbol	ECI2
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: DRATFHTPFHSHLGQSPEGCSSYTFPKIMSPAKATEMLIFGKKLTAGACAQGLV TEVFPDSTFQKEVWTRLKAFKLPNALRISKEVIRKREKREKLHAVNAEECNVL QGRWLSDECTNAVNF

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	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

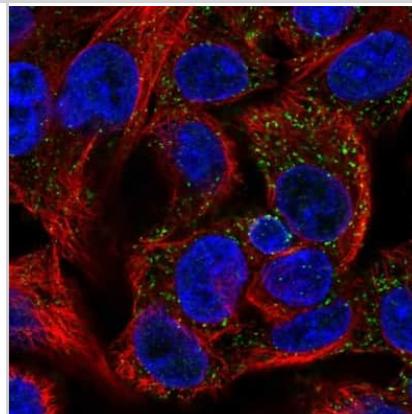


Images

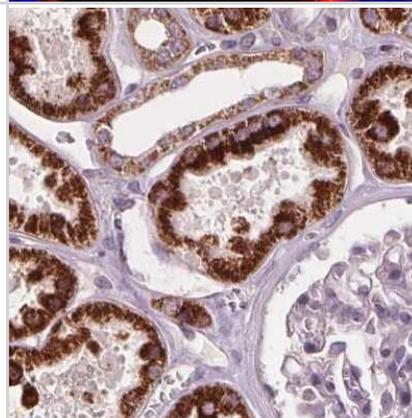
Western Blot: PECl Antibody [NBP2-48614] - Analysis using Anti-ECI2 antibody NBP2-48614 (A) shows similar pattern to independent antibody NBP1-89283 (B).



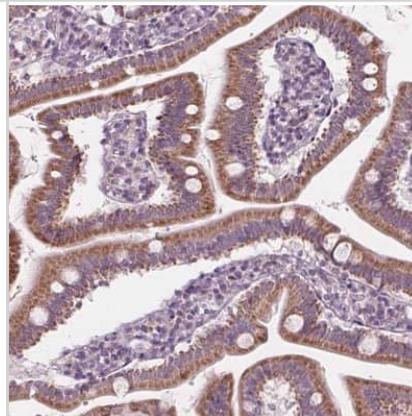
Immunocytochemistry/Immunofluorescence: PECl Antibody [NBP2-48614] - Staining of human cell line Hep G2 shows localization to peroxisomes.



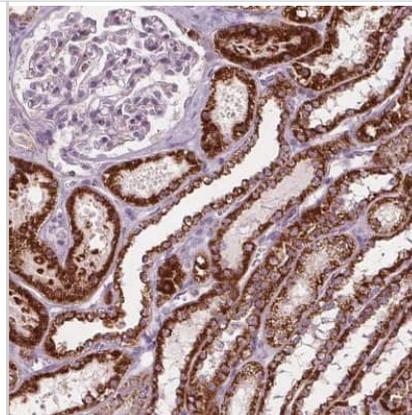
Immunohistochemistry-Paraffin: PECl Antibody [NBP2-48614] - Staining of human kidney using Anti-ECI2 antibody NBP2-48614.



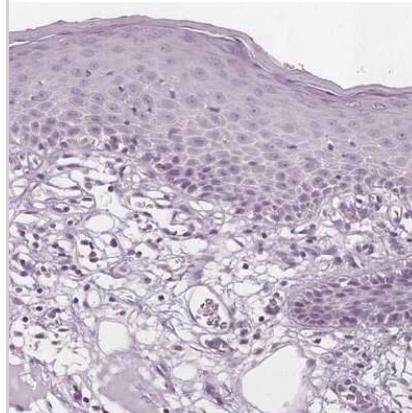
Immunohistochemistry-Paraffin: PECl Antibody [NBP2-48614] - Staining of human duodenum shows moderate granular cytoplasmic positivity in glandular cells.



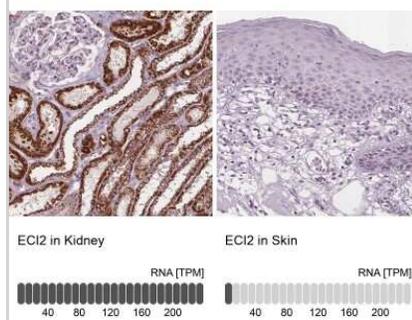
Immunohistochemistry-Paraffin: PECl Antibody [NBP2-48614] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



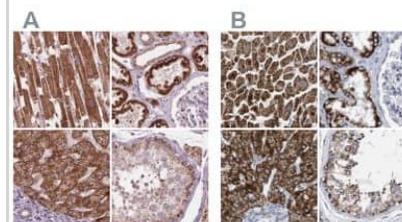
Immunohistochemistry-Paraffin: PECl Antibody [NBP2-48614] - Staining of human skin shows no positivity in epidermal cells as expected.



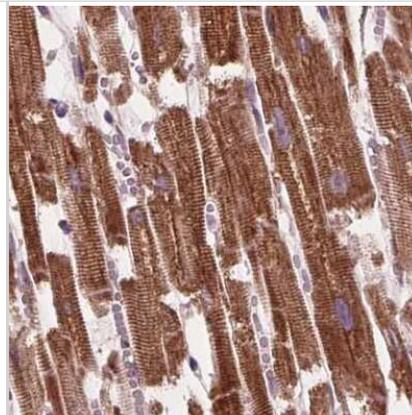
Immunohistochemistry-Paraffin: PECl Antibody [NBP2-48614] - Staining in human kidney and skin tissues. Corresponding ECI2 RNA-seq data are presented for the same tissues.



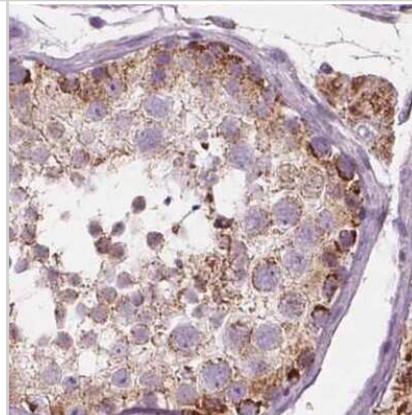
Immunohistochemistry-Paraffin: PECl Antibody [NBP2-48614] - Staining of human heart muscle, kidney, liver and testis using Anti-ECI2 antibody NBP2-48614 (A) shows similar protein distribution across tissues to independent antibody NBP1-89283 (B).



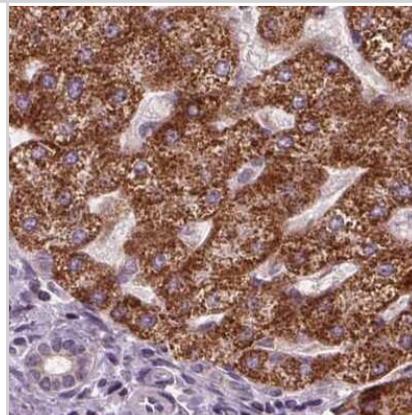
Immunohistochemistry-Paraffin: PECl Antibody [NBP2-48614] - Staining of human heart muscle.



Immunohistochemistry-Paraffin: PECl Antibody [NBP2-48614] - Staining of human testis.



Immunohistochemistry-Paraffin: PECl Antibody [NBP2-48614] - Staining of human liver using Anti-ECI2 antibody NBP2-48614.





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Products Related to NBP2-48614

NBP2-48614PEP	PECI 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

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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