

# Product Datasheet

## DCI Antibody - BSA Free NBP1-91822

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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**NBP1-91822**

DCI Antibody - BSA Free

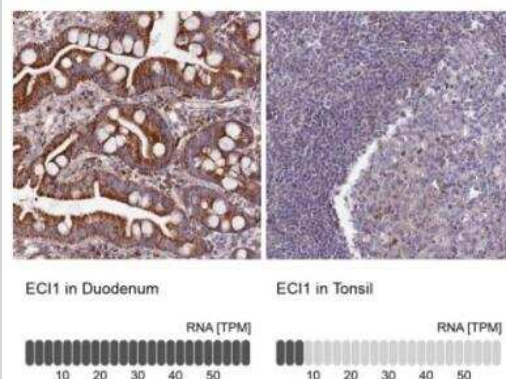
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal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

Product Description	
<b>Description</b>	Novus Biologicals Rabbit DCI Antibody - BSA Free (NBP1-91822) is a polyclonal antibody validated for use in IHC and WB. Anti-DCI Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1632
<b>Gene Symbol</b>	ECI1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (80%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: FGSQRVLVEPDAGAGVAVMKFKNPPVNSLSLEFLTELVISLEKLENDKSFGRGVI LTSDRPGVFSAGLDLTEMCGRS

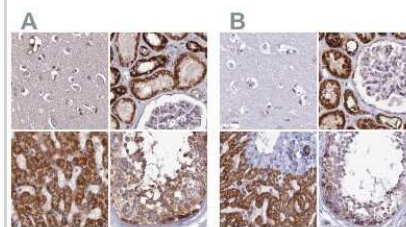
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50-1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

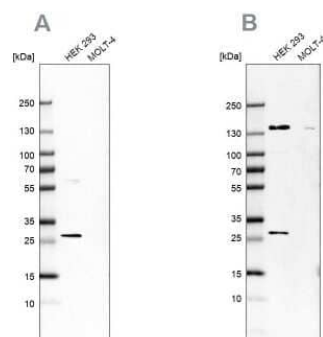
Immunohistochemistry-Paraffin: DCI Antibody [NBP1-91822] - Analysis in human duodenum and tonsil tissues using NBP1-91822 antibody. Corresponding ECI1 RNA-seq data are presented for the same tissues.



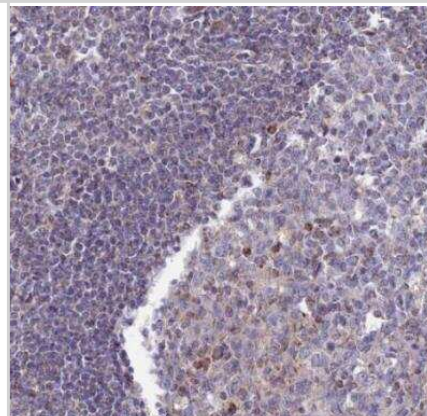
Immunohistochemistry-Paraffin: DCI Antibody [NBP1-91822] - Staining of human cerebral cortex, kidney, liver and testis using Anti-EC11 antibody NBP1-91822 (A) shows similar protein distribution across tissues to independent antibody NBP1-91821 (B).



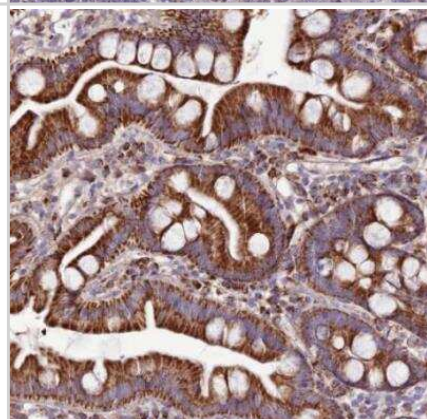
Western Blot: DCI Antibody [NBP1-91822] - Analysis using Anti-EC11 antibody NBP1-91822 (A) shows similar pattern to independent antibody NBP1-91821 (B).



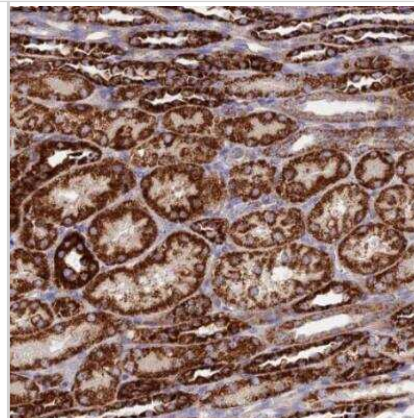
Immunohistochemistry-Paraffin: DCI Antibody [NBP1-91822] - Staining of human tonsil shows very weak granular cytoplasmic positivity in germinal center cells.



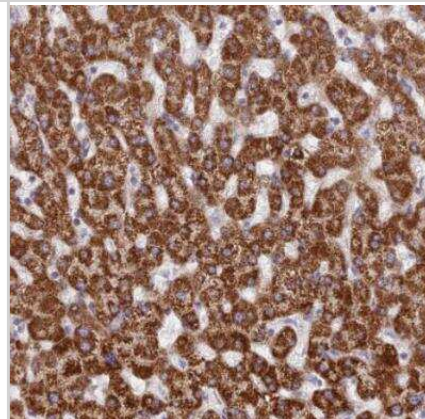
Immunohistochemistry-Paraffin: DCI Antibody [NBP1-91822] - Staining of human small intestine shows strong granular cytoplasmic positivity in glandular cells.



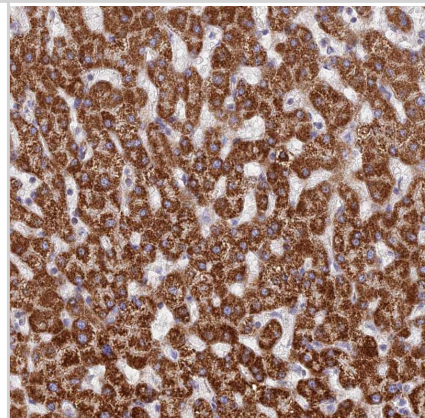
Immunohistochemistry-Paraffin: DCI Antibody [NBP1-91822] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



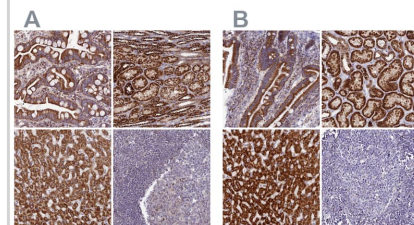
Immunohistochemistry-Paraffin: DCI Antibody [NBP1-91822] - Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



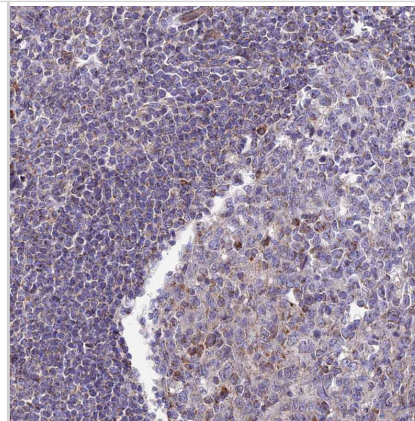
Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



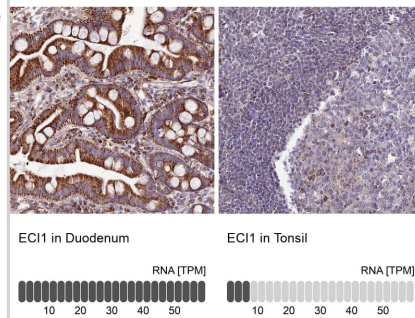
Staining of human duodenum).



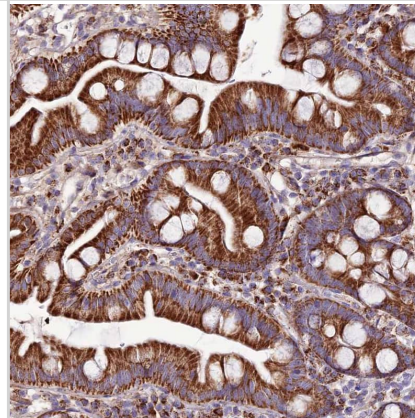
Staining of human tonsil shows very weak granular cytoplasmic positivity in germinal center cells.



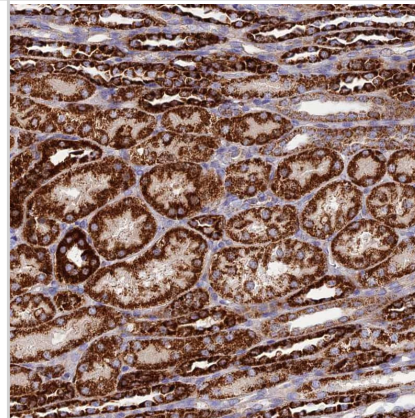
Analysis in human duodenum and tonsil tissues using NBP1-91822 antibody. Corresponding ECI1 RNA-seq data are presented for the same tissues.



Staining of human small intestine shows strong granular cytoplasmic positivity in glandular cells.



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



## Publications

Bramhecha YM, Guerard KP, Audet-Walsh e et al. Fatty acid oxidation enzyme delta3, delta2-enoyl-CoA isomerase 1 (ECI1) drives aggressive tumor phenotype and predicts poor clinical outcome in prostate cancer patients *Oncogene* [PMID: 35411033] (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 NBP1-91822**

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NBP1-91822PEP	DCI 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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