

# Product Datasheet

## DCI Antibody - BSA Free NBP1-91821

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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Updated 12/2/2025 v.20.1

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**NBP1-91821**

DCI Antibody - BSA Free

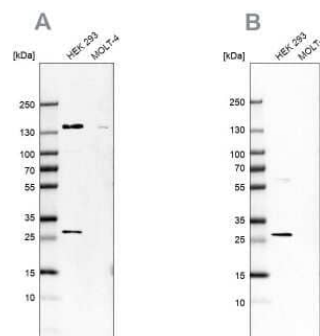
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<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 (NBP1-91821) is a polyclonal antibody validated for use in IHC and WB. 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 (81%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: HYAGYWKAVQELWLRLYQSNLVLVSAINGACPAGGCLVALTCDYRILADNPRY CIGLNETQLGIIAPFWLKDTLENTIGH

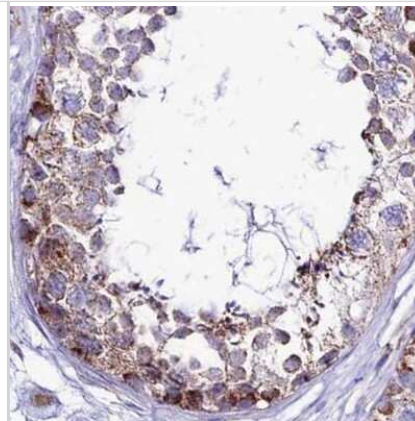
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50-1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH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

**Images**

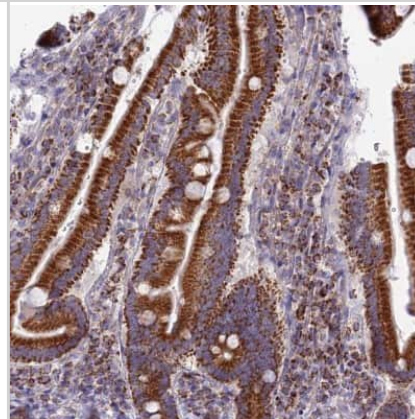
Western Blot: DCI Antibody [NBP1-91821] - Analysis using Anti-ECI1 antibody NBP1-91821 (A) shows similar pattern to independent antibody NBP1-91822 (B).



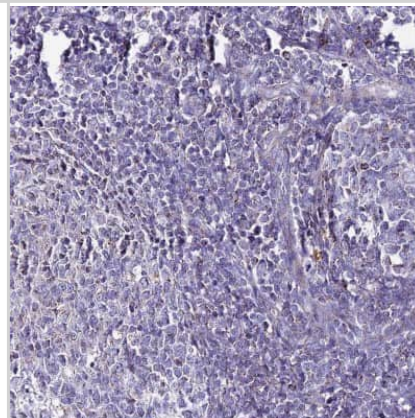
Immunohistochemistry-Paraffin: DCI Antibody [NBP1-91821] - Staining of human testis.



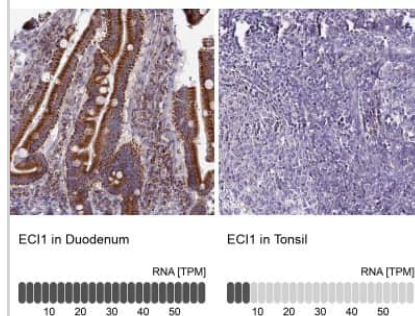
Immunohistochemistry-Paraffin: DCI Antibody [NBP1-91821] - Staining of human duodenum shows high expression.



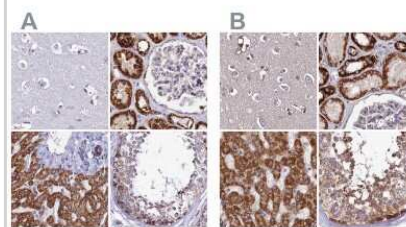
Immunohistochemistry-Paraffin: DCI Antibody [NBP1-91821] - Staining of human tonsil shows low expression as expected.



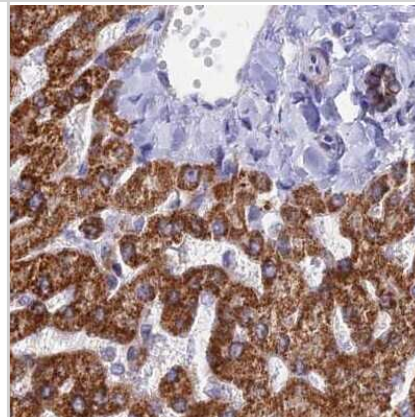
Immunohistochemistry-Paraffin: DCI Antibody [NBP1-91821] - Staining in human duodenum and tonsil tissues using anti-ECI1 antibody. Corresponding ECI1 RNA-seq data are presented for the same tissues.



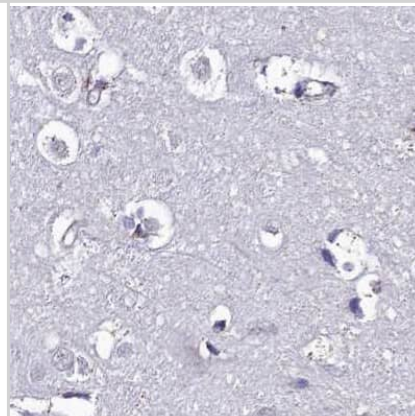
Immunohistochemistry-Paraffin: DCI Antibody [NBP1-91821] - Staining of human cerebral cortex, kidney, liver and testis using Anti-EC11 antibody NBP1-91821 (A) shows similar protein distribution across tissues to independent antibody NBP1-91822 (B).



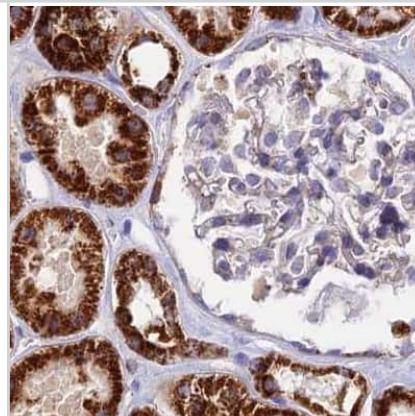
Immunohistochemistry-Paraffin: DCI Antibody [NBP1-91821] - Staining of human liver.



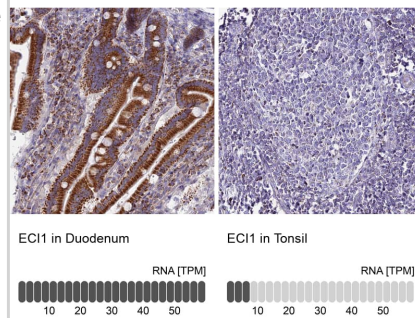
Immunohistochemistry-Paraffin: DCI Antibody [NBP1-91821] - Staining of human cerebral cortex.



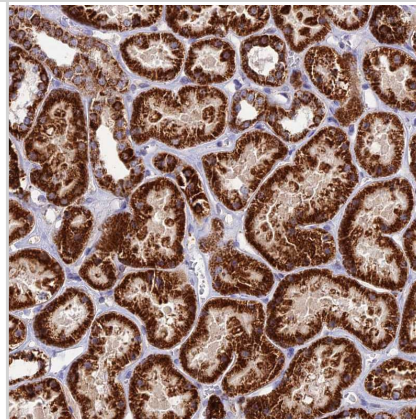
Immunohistochemistry-Paraffin: DCI Antibody [NBP1-91821] - Staining of human kidney.



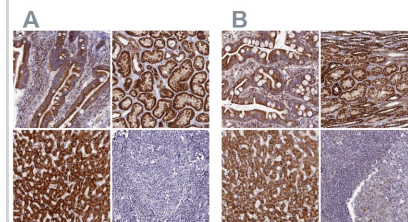
Analysis in human duodenum and tonsil tissues using NBP1-91821 antibody. Corresponding EC11 RNA-seq data are presented for the same tissues.



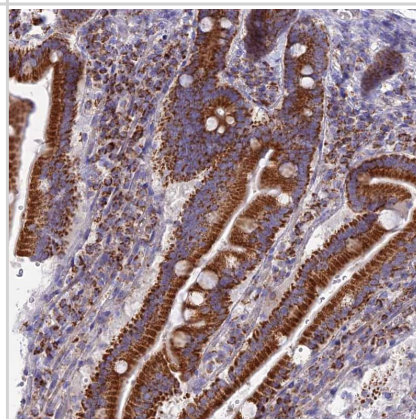
Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



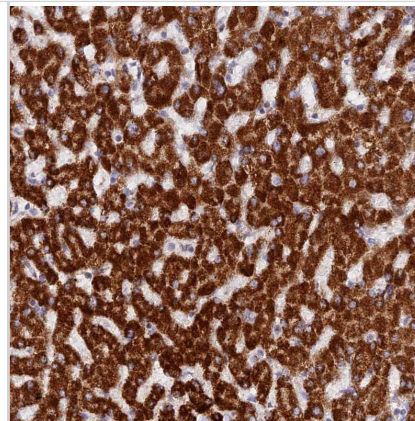
Staining of human duodenum).



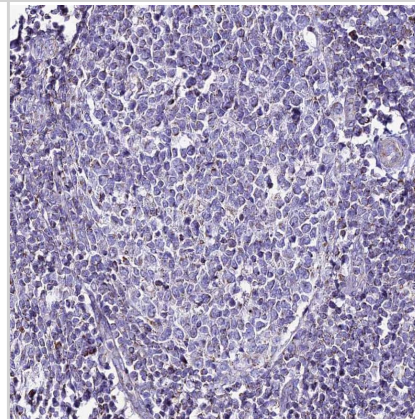
Staining of human duodenum shows strong granular cytoplasmic positivity in glandular cells.



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



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





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### **Products Related to NBP1-91821**

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NBP1-91821PEP	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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