

# Product Datasheet

## Dopa Decarboxylase/DDC Antibody - BSA Free NBP1-90293

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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**NBP1-90293**

Dopa Decarboxylase/DDC 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

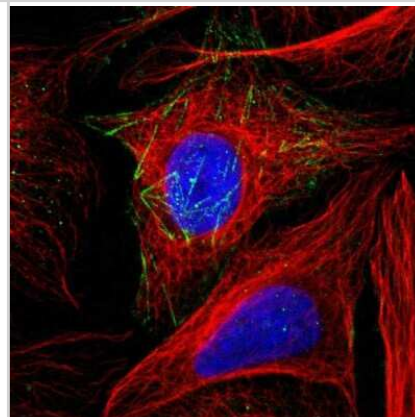
Product Description	
<b>Description</b>	Novus Biologicals Rabbit Dopa Decarboxylase/DDC Antibody - BSA Free (NBP1-90293) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1644
<b>Gene Symbol</b>	DDC
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (88%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: LETVMMDWLKGKMLELPAFLNEKAGEGGGVIQGSASEATLVALLAARTKVIHR LQAASPELTQAAIMEKLVAYSSDQAHSSVERAGLIGGVKLKAIPSDGNFAMRAS A

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

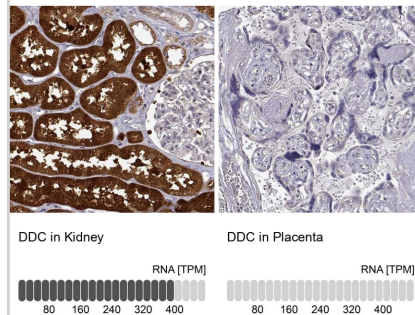


## Images

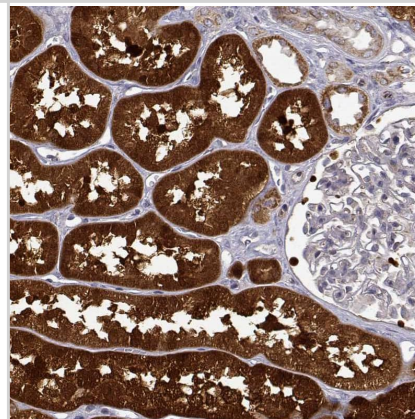
Immunocytochemistry/Immunofluorescence: Dopa Decarboxylase/DDC Antibody [NBP1-90293] - Staining of human cell line U-2 OS shows localization to actin filaments. Antibody staining is shown in green.



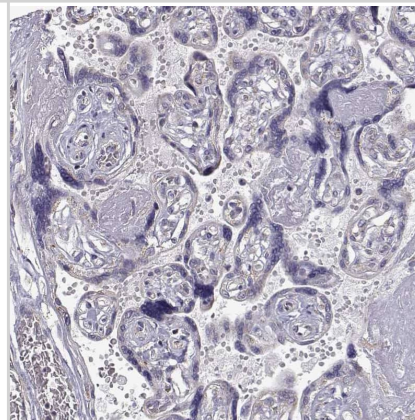
Analysis in human kidney and placenta tissues using NBP1-90293 antibody. Corresponding DDC RNA-seq data are presented for the same tissues.



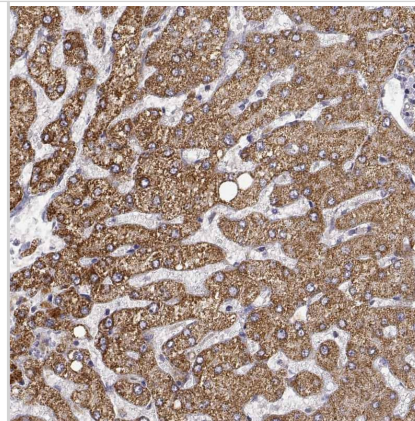
Staining of human kidney shows strong cytoplasmic positivity in cells in tubules.



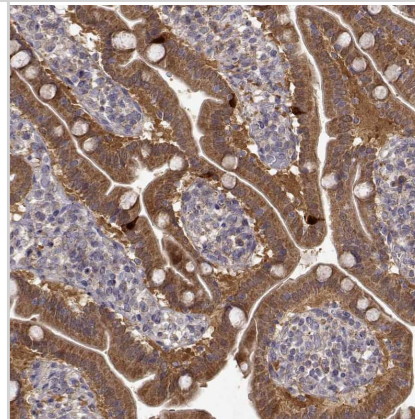
Staining of human placenta shows no positivity in trophoblastic cells as expected.



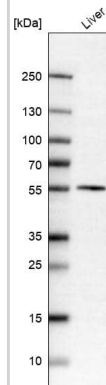
Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



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



Analysis in human liver tissue.





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### **Products Related to NBP1-90293**

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NBP1-90293PEP	Dopa Decarboxylase/DDC 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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