

# Product Datasheet

## Dopa Decarboxylase/DDC Antibody (CL2962) - BSA Free NBP2-46642

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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**NBP2-46642**

Dopa Decarboxylase/DDC Antibody (CL2962) - BSA Free

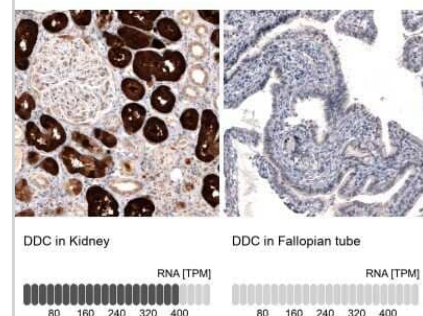
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL2962
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Mouse
Gene ID	1644
Gene Symbol	DDC
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was developed using a recombinant protein derived from P20711, with the exact immunogen sequence remaining proprietary.

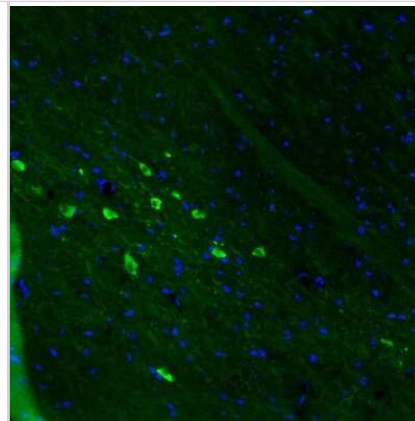
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

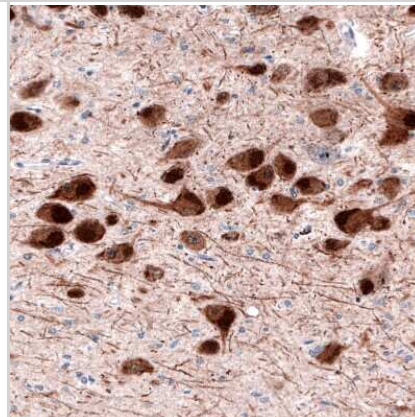
Immunohistochemistry-Paraffin: Dopa Decarboxylase/DDC Antibody (CL2962) [NBP2-46642] - Staining in human kidney and fallopian tube tissues. Corresponding DDC RNA-seq data are presented for the same tissues.



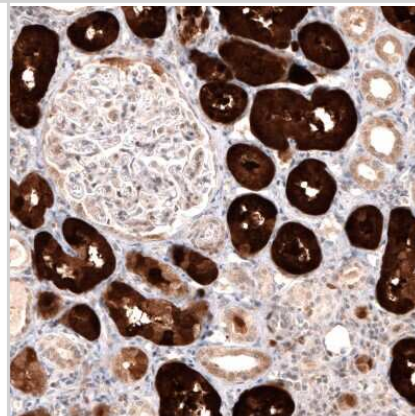
Immunohistochemistry: Dopa Decarboxylase/DDC Antibody (CL2962) [NBP2-46642] - Staining of mouse substantia nigra shows strong positivity in dopamine neurons in pars compacta.



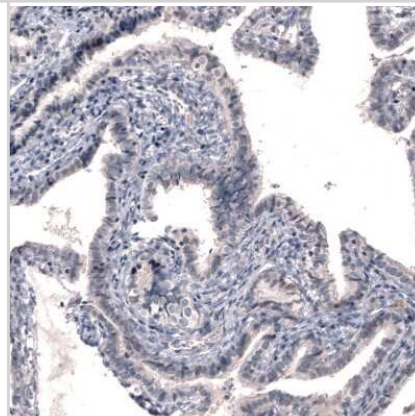
Immunohistochemistry-Paraffin: Dopa Decarboxylase/DDC Antibody (CL2962) [NBP2-46642] - Staining of human substantia nigra shows cytoplasmic positivity in dopamine neurons in pars compacta.



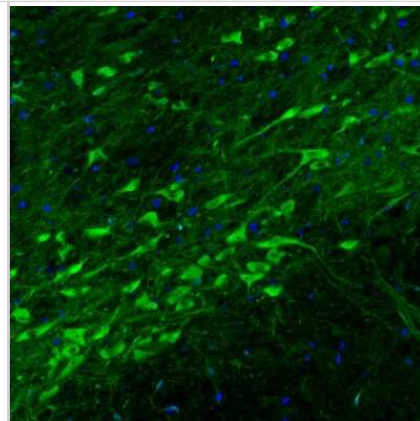
Immunohistochemistry-Paraffin: Dopa Decarboxylase/DDC Antibody (CL2962) [NBP2-46642] - Staining of human kidney shows strong cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: Dopa Decarboxylase/DDC Antibody (CL2962) [NBP2-46642] - Staining of human fallopian tube shows no positivity in glandular cells as expected.



Immunohistochemistry: Dopa Decarboxylase/DDC Antibody (CL2962) [NBP2-46642] - Staining of rat substantia nigra shows strong positivity in dopamine neurons in pars compacta.





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### **Products Related to NBP2-46642**

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NBP2-46642PEP	Dopa Decarboxylase/DDC Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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