

Product Datasheet

Dopa Decarboxylase/DDC Antibody (CL2962) - Azide and BSA Free NBP3-43802

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-43802

Dopa Decarboxylase/DDC Antibody (CL2962) - Azide and BSA Free

Product Information

Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL2962
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description

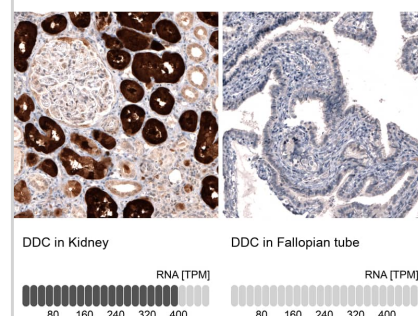
Host	Mouse
Gene ID	1644
Gene Symbol	DDC
Species	Human, Mouse, Rat
Immunogen	This antibody was generated using a recombinant protein sequence of P20711, with the exact immunogen sequence remaining proprietary.

Product Application Details

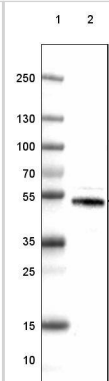
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

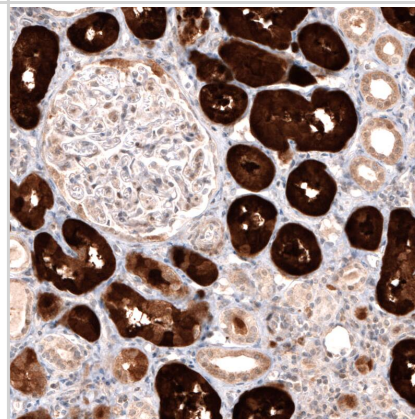
Analysis in human kidney and fallopian tube tissues using NBP3-43802 antibody. Corresponding Dopa Decarboxylase/DDC RNA-seq data are presented for the same tissues.



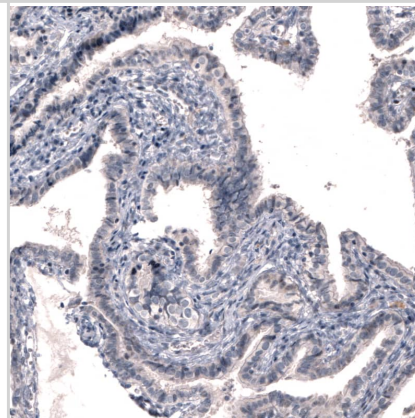
Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10
Lane 2: Human Kidney tissue



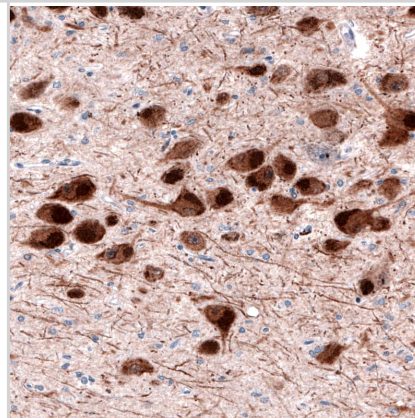
Staining of human kidney shows strong cytoplasmic positivity in cells in tubules.



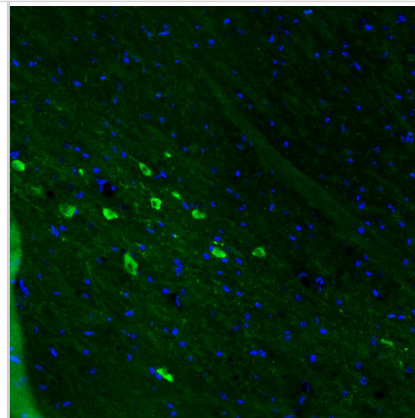
Staining of human fallopian tube shows no positivity in glandular cells as expected.



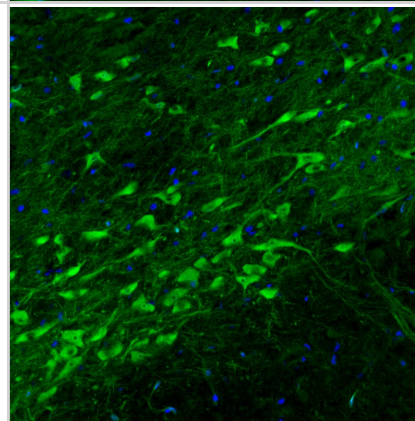
Staining of human substantia nigra shows cytoplasmic positivity in dopamine neurons in pars compacta.



Staining of mouse substantia nigra shows strong positivity in dopamine neurons in pars compacta.



Staining of rat substantia nigra shows strong positivity in dopamine neurons in pars compacta.





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Products Related to NBP3-43802

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-56918PEP	Dopa Decarboxylase/DDC Antibody Blocking Peptide

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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