10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DDC antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11891

Product Information

Application	WB, IHC
Primary Accession	P20711
Other Accession	NM_000790, NP_000781
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Bovine, Horse, Dog
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53926

Additional Information

Gene ID	1644
Alias Symbol	AADC
Other Names	Aromatic-L-amino-acid decarboxylase, AADC, 4.1.1.28, DOPA decarboxylase, DDC, DDC, AADC
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 ul of distilled water. Final anti-DDC antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	DDC antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

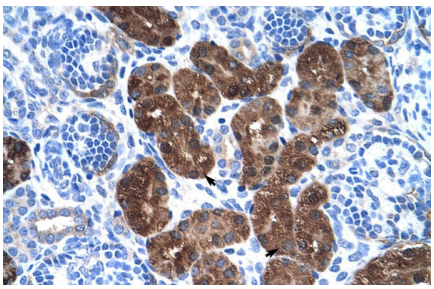
Name	DDC {ECO:0000303|PubMed:15532536, ECO:0000312|HGNC:HGNC:2719}
Function	Catalyzes the decarboxylation of L-3,4-dihydroxyphenylalanine (DOPA) to dopamine and L-5-hydroxytryptophan to serotonin.
Tissue Location	[Isoform 2]: High expression in kidney.

References

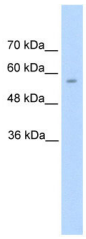
Ma,J.Z., (2005) Hum. Mol. Genet. 14 (12), 1691-1698 Reconstitution and Storage:For short term use, store at

2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-DDC Antibody
Paraffin Embedded Tissue: Human Kidney
Cellular Data: Epithelial cells of renal tubule
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X



WB Suggested Anti-DDC Antibody Titration: 5.0µg/ml
Positive Control: HepG2 cell lysate
DDC is supported by BioGPS gene expression data to be expressed in HepG2

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.