

Product datasheet for **TA346050**

DOPA Decarboxylase (DDC) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-DDC antibody: synthetic peptide directed towards the N terminal of human DDC. Synthetic peptide located within the following region: EFRRRGKEMVDYVANYMEGIEGRQVYPDVEPGYLRPLIPAAAPQEPDTFE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	53 kDa
Gene Name:	dopa decarboxylase
Database Link:	NP_000781 Entrez Gene 1644 Human P20711
Background:	DDC catalyzes the decarboxylation of L-3,4-dihydroxyphenylalanine (DOPA) to dopamine, L-5-hydroxytryptophan to serotonin and L-tryptophan to tryptamine.
Synonyms:	AADC
Note:	Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Guinea pig: 100%; Rabbit: 93%; Rat: 92%; Bovine: 92%; Zebrafish: 92%

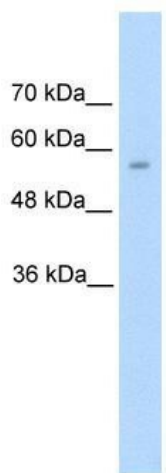


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Protein Families: Druggable Genome

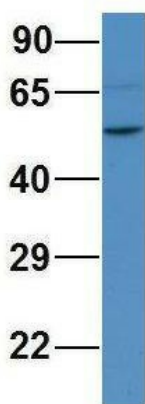
Protein Pathways: Histidine metabolism, Metabolic pathways, Phenylalanine metabolism, Tryptophan metabolism, Tyrosine metabolism

Product images:



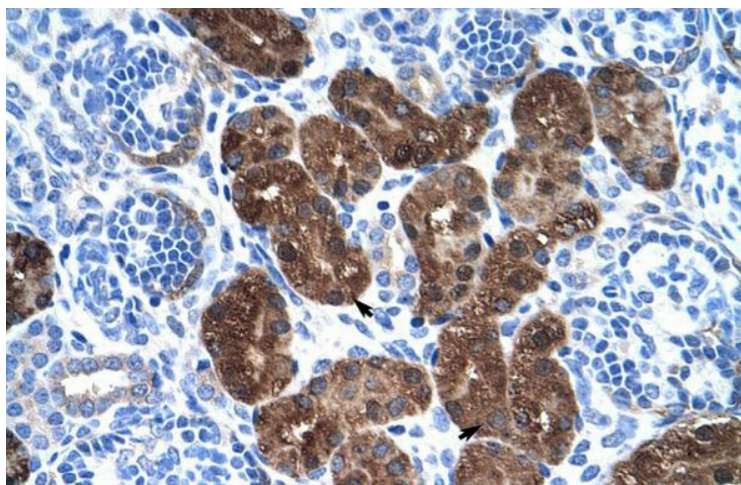
WB Suggested Anti-DDC Antibody Titration: 5.0 ug/ml; Positive Control: HepG2 cell lysate DDC is supported by BioGPS gene expression data to be expressed in HepG2

DDC



Rabbit Anti-DDC
 Sample Type: Human 293T
 Antibody Concentration: 1ug/mL

3 Human 293T; WB Suggested Anti-DDC Antibody Titration: 1 ug/ml; Positive Control: Human 293T cell lysate



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