

Rabbit DDC Polyclonal Antibody | anti-DDC antibody

DDC antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198900	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

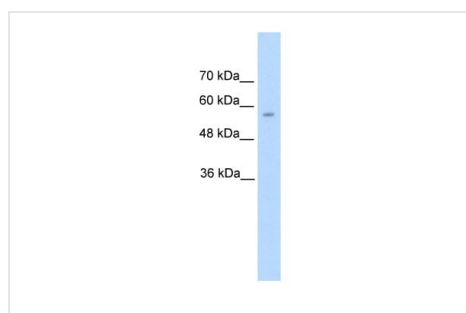
PRODUCT SYNONYMS

DDC; Polyclonal Antibody; DDC antibody - N-terminal region; anti-DDC antibody

PRODUCT SPECIFICATIONS

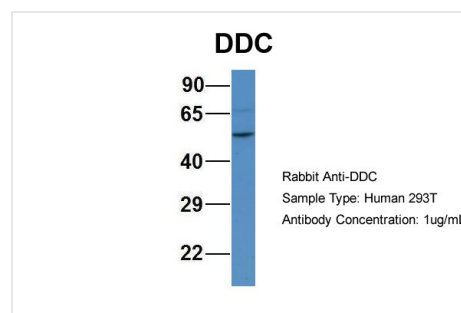
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EF RRRGKEMVDY VANYMEGIEG RQVYPDVEPG YLRPLIPAAA PQEPDTFE
Sequence Length	480
Applicable Applications for anti-DDC antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 92%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 92%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human DDC
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



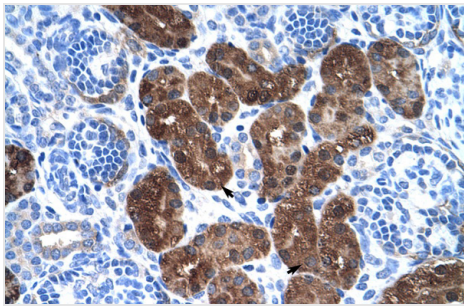
WB (Western Blot)

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



WB (Western Blot)

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



IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

Related Product Information for anti-DDC antibody	This is a rabbit polyclonal antibody against DDC. It was validated on Western Blot and immunohistochemistry Target Description: DDC catalyzes the decarboxylation of L-3,4-dihydroxyphenylalanine (DOPA) to dopamine, L-5-hydroxytryptophan to serotonin and L-tryptophan to tryptamine.
Product Categories/Family for anti-DDC antibody	Polyclonal; Drugs and Drug Metabolism; Tissue Specific & Cell Marker; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503281
NCBI GeneID	1644
NCBI Accession #	NP_000781
NCBI GenBank Nucleotide #	NM_000790
UniProt Accession #	P20711
Molecular Weight	53kDa
NCBI Official Full Name	aromatic-L-amino-acid decarboxylase isoform 1
NCBI Official Synonym Full Names	dopa decarboxylase
NCBI Official Symbol	DDC
NCBI Official Synonym Symbols	AADC
NCBI Protein Information	aromatic-L-amino-acid decarboxylase
UniProt Protein Name	Aromatic-L-amino-acid decarboxylase
UniProt Gene Name	DDC
UniProt Synonym Gene Names	AADC; AADC; DDC
UniProt Entry Name	DDC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ddc-antibody-western-blot-immunohistochemistry-elisa/198900>