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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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DDC purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00001644-D01P

規格 : [100 ug]

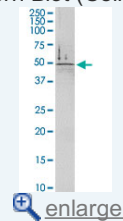
List All

Specification

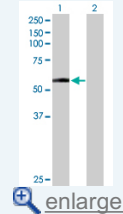
Product Description:	Rabbit polyclonal antibody raised against a full-length human DDC protein.
Immunogen:	DDC (NP_000781.1, 1 a.a. ~ 480 a.a) full-length human protein.
Sequence:	MNASEFRRRGKEMVDYVANYMEGIEGRQVYPDVEPGYLRPLIPAAAPQE PDTFEDIINDVEKIIMPGVTHWHSPYFFAYFPTASSYPAMLADMLCGAIGCI GFSWAASPACTELETVMMDWLGKMLELPKAFLEKAGEGGGVIQGSAS EATLVALLAARTKVIHRLQAASPELTQAAMEKLVAYSSDQAHSSVERAGL IGGVKCLKAIPSDGNFAMRASALQEALERDKAAGLIPFFMVALTGTTTCCS FDNLLEVGPICNKEDIWLHVDAAYAGSAFICPEFRHLLNGVEFADSFNFP HKWLLVNFDCSAMWVKKRTDLTGAFRLDPTYLKHSHQDSSLITDYRHW QIPLGRRFRSLKMMWFVFRMYGVKGLQAYIRKRVQLSHEFESLVRQDPRF EICVEVILGLVCFRLKGSNKVNEALLQRINSAKIHLPCHLRDKFVLRFAIC SRTVESAHVQRAWEHIKELAADVLAERE
Host:	Rabbit
Reactivity:	Human, Mouse
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	 Download
Datasheet:	 Download

Application Image

Western Blot (Cell lysate)

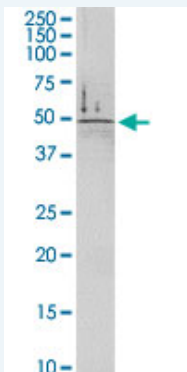


Western Blot (Transfected lysate)




Applications

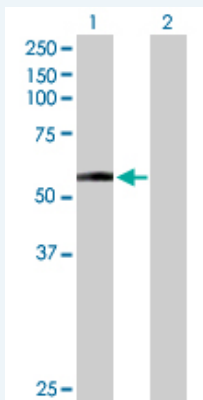
Western Blot (Cell lysate)



DDC MaxPab rabbit polyclonal antibody. Western Blot analysis of DDC expression in NIH/3T3.

 [Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of DDC expression in transfected 293T cell line ([H00001644-T04](#)) by DDC MaxPab polyclonal antibody.

Lane 1: DDC transfected lysate(53.90 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [1644](#)

GeneBank Accession#: [NM_000790.2](#)

Protein Accession#: [NP_000781.1](#)

Gene Name: DDC

Gene Alias: AADC

Gene Description: dopa decarboxylase (aromatic L-amino acid decarboxylase)

Omim ID: [107930](#), [608643](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The encoded protein catalyzes the decarboxylation of L-3,4-dihydroxyphenylalanine (DOPA) to dopamine, L-5-hydroxytryptophan to serotonin and L-tryptophan to tryptamine. Defects in this gene are the cause of aromatic L-amino-acid decarboxylase deficiency (AADCD). AADCD deficiency is an inborn error in neurotransmitter metabolism that leads to combined serotonin and catecholamine deficiency. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq]

Other Designations: L-Dopa decarboxylase,aromatic L-amino acid decarboxylase

Gene Pathway

[Betalain biosynthesis](#) [Biosynthesis of alkaloids derived from shikimate pathway](#)
[Histidine metabolism](#) [Isoquinoline alkaloid biosynthesis](#) [Metabolic pathways](#)
[Phenylalanine metabolism](#) [Tryptophan metabolism](#) [Tyrosine metabolism](#)

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