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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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DDC MaxPab mouse polyclonal antibody (B02) MaxPab®

Catalog # : H00001644-B02

規格 : [50 uL]

[List All](#)

Specification

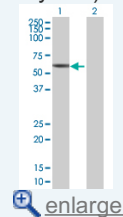
Product Description:	Mouse polyclonal antibody raised against a full-length human DDC protein.
Immunogen:	DDC (NP_000781.1, 1 a.a. ~ 480 a.a) full-length human protein.
Sequence:	MNASEFRRRGKEMVDYVANYMEGIEGRQVYPDVEPGYLRPLIPAAAPQE PDTFEDIINDVEKIIMPGVTHWHSPYFFAYFPTASSYPAMLADMLCGAIGCI GFSWAASPACTELETVMMDWLGKMLELPAFLNEKAGEGGGVIQGSAS EATLVALLAARTKVIHRLQAASPELTQAAIMEKLVAYSSDQAHSSVERAGL IGGVKPKAIPSDGNFAMRASALQEALERDKAAGLIPFFMVATLGTTTCCS FDNLLEVGPICNKEDIWLHVDAAYAGSAFICPEFRHLLNGVEFADSFNFP HKWLLVNFDCSAMWVKKRTDLTGAFRLDPTYLKHSHQDGLITDYRHW QIPLGRRFRSLKMMWFVFRMYGVKGLQAYIRKHVQLSHEFESLVRQDPRF EICVEVILGLVCFRLKGSNKVNEALLQRINSAKKIHLVPCHLRDKFVLRFAIC SRTVESAHVQRAWEHIKELAADVLAERE
Host:	Mouse
Reactivity:	Human
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	No additive
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note:	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

MSDS: [Download](#)

Datasheet: [Download](#)

Application Image

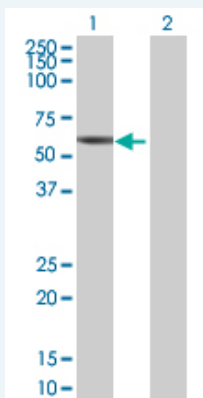
Western Blot (Transfected lysate)



[enlarge](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of DDC expression in transfected 293T cell line (H00001644-T02) by DDC MaxPab polyclonal antibody.

Lane 1: DDC transfected lysate(52.8 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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