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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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DDC MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00001644-B01

規格 : [50 uL]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human DDC protein.

Immunogen: DDC (AAH08366, 1 a.a. ~ 480 a.a) full-length human protein.

Sequence:
 MNASEFRRRGKEMVDYVANYMEGIEGRQVYPDVEPGYLRPLIPAAAPQE
 PDTFEDIINDVEKIIMPGVTHWHSPYFFAYFPTASSYPAMLADMLCGAIGCI
 GFSWAASPACTELETVMMDWLGKMLELPAFLNEKAGEGGGVIQGSAS
 EATLVALLAARTKVIHRLQAASPELTQAAIMEKLVAYSSDQAHSSVERAGL
 IGGVKLKAIPSDGNFAMRASALQEALERDKAAGLIPFFMVATLGTTTCCS
 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.

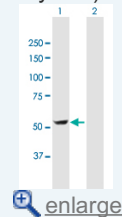
Note: For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

MSDS: [Download](#)

Datasheet: [Download](#)

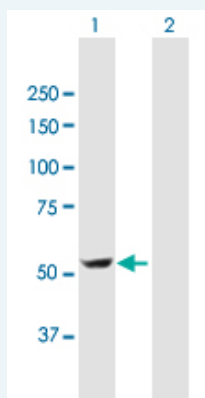
Application Image

Western Blot (Transfected lysate)



Applications

Western Blot (Transfected lysate)



Western Blot analysis of DDC expression in transfected 293T cell line (H00001644-T01) 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#:** [BC008366](#)

**Protein
Accession#:** [AAH08366](#)

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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