

Datasheet for ABIN185393
anti-DDC antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	DDC
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This DDC antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	DOPA decarboxylase
Immunogen:	Peptide with sequence C-WEHIKELAADV L, from the C Terminus of the protein sequence according to NP_000781.1, NP_001229815.1, NP_001229816.1, NP_001229817.1, NP_001229818.1.
Sequence:	WEHIKELAAD VL
Isotype:	IgG
Specificity:	This antibody is expected to recognise isoforms 1, 2, 3, 4 and 5 (NP_000781.1, NP_001229815.1, NP_001229816.1, NP_001229817.1, NP_001229818.1 respectively). Reported variants represent identical protein (NP_000781.1, NP_001076440.1).
Cross-Reactivity:	Human

Product Details

Purification: Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Grade: Verified

Target Details

Target: DDC

Alternative Name: DDC ([DDC Products](#))

Background: DDC, dopa decarboxylase (aromatic L-amino acid decarboxylase) , HGNC:2719, AADC, aromatic L-amino acid decarboxylase

Gene ID: 1644

NCBI Accession: [NP_000781](#), [NP_001229815](#), [NP_001229816](#), [NP_001229817](#), [NP_001229818](#)

Pathways: [Dopaminergic Neurogenesis](#)

Application Details

Application Notes: Western Blot: Approx 50 kDa band observed in Human Kidney lysates and 48 kDa on Human Brain lysates (calculated MW of 53.9 kDa according to NP_000781.1). Recommended concentration: 0.03-0.1 µg/mL.
Peptide ELISA: antibody detection limit dilution 1:8000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Handling

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Image 1. ABIN185393 (0.03µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.