



Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD, United Kingdom

everestbiotech.com

sales@everestbiotech.com

support@everestbiotech.com

Tel +44 1869 238326

Fax +44 1869 238327

**Research Use Only. Not for
diagnostic or therapeutic use.**

Storage: For long-term storage
keep aliquots at -20°C. (Store no
longer than 12 months at 4°C).
Minimize freezing and thawing.

EB06740 - Goat Anti-DOPA decarboxylase Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

Official Symbol: DDC

Accession Number(s): NP_000781.1; NP_001229815.1; NP_001229816.1;
NP_001229817.1; NP_001229818.1

Human GeneID(s): [1644](#)

Important Comments: 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).

Immunogen

Peptide with sequence C-WEHIKELAADVL, 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.

Please note the [peptide](#) is available for sale.

Purification and Storage

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

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

Western blot: Approx 50kDa band observed in Human Kidney lysates and 48kDa on Human Brain lysates (calculated MW of 53.9kDa according to NP_000781.1).

Recommended concentration: 0.03-0.1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB06740 (0.03 μ g/ml) staining of Human Kidney lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.