
DOPA Decarboxylase Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253132

Unit: 0.1 ml

Description:

DOPA decarboxylase (DDC) catalyzes the decarboxylation of L-3, 4-dihydroxyphenylalanine (DOPA) to dopamine, L-5-hydroxytryptophan to serotonin and L-tryptophan to tryptamine. Defects in DDC are the cause of aromatic L-amino-acid decarboxylase deficiency (AADCD) causing developmental and psychomotor delay.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: B, D, G, H, Rb, R, Sh

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of HEPES (pH7.5), 0.01% BSA, with 50% glycerol. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Aromatic-L-amino-acid decarboxylase; AADC; DOPA decarboxylase; DDC

Accession No.: P20711

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human DOPA decarboxylase.

Application Notes: E: 1:500-1:1,000; WB: 1:1,000

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.