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DDC Polyclonal Antibody

Cat #: G-AB-07007

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
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. Multiple alternatively spliced transcript variants encoding different isoforms have been identified for this gene.

Gene ID:

Accession #: NP000781

Immunogen: Synthetic peptide of human DDC

Conjugation: Unconjugated

Swissprot: P20711

Calculated Molecular Weight: 54 kDa

Observed Molecular Weight: Refer to figures

Concentration: 0.8 mg/mL

Buffer: PBS with 0.05% NaN3 and 40% Glycerol, pH7.4

Purification Method: Antigen affinity purification

Application: WB,ELISA

Dilution: WB 1:1000-1:5000, ELISA 1:5000-1:10000

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