
ChAT Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253117

Unit: 0.1 ml

Description:

The neurotransmitter acetylcholine is synthesized from choline and acetyl-CoA by the choline acetyltransferase (ChAT) enzyme, which is a specific marker of cholinergic neurons. The regulation of ChAT activity is important during the development of nervous system interactions. The reduction of ChAT activity has been found in several neurodegenerative disorders including Alzheimer's disease, congenital myasthenic syndrome and amyotrophic lateral sclerosis.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: G, R

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: ChAT; Choline Acetyltransferase; Choline O-acetyltransferase; Choline acetylase; CHOACTase

Accession No.: P28329

Antigen: Native choline acetyltransferase purified from human placenta.

Application Notes: E: 1:500-1:1,000; WB: 1:100; IHC: 1:100

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.