



Anti-CHAT (aa 102-351) polyclonal antibody (DPABH-00369)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Catalyzes the reversible synthesis of acetylcholine (ACh) from acetyl CoA and choline at cholinergic synapses.
Immunogen	Recombinant fragment, corresponding to a region within amino acids 102-351 of Human Choline Acetyltransferase (P28329).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ICC/IF
Format	Liquid
Size	50 µl
Buffer	pH: 7.00; Constituents: 0.75% Glycine, 1.21% Tris, 10% Glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	CHAT choline O-acetyltransferase [Homo sapiens]
Official Symbol	CHAT
Synonyms	CHAT; choline O-acetyltransferase; CMS1A; CMS1A2; CHOACTASE; choline acetylase; acetyl CoA:choline O-acetyltransferase;
Entrez Gene ID	1103
Protein Refseq	NP_001136401.1
UniProt ID	D3DX95
Pathway	Acetylcholine Neurotransmitter Release Cycle; Biogenic Amine Synthesis; Glycerophospholipid biosynthesis; Glycerophospholipid metabolism
Function	choline O-acetyltransferase activity;