



Anti-CHAT polyclonal antibody (CPBT-66663GH)

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

PRODUCT INFORMATION

Product Overview	This product recognizes Choline acetyl transferase (ChAT), present in cholinergic neurons in the brain and central nervous system.
Specificity	CHOLINE ACETYLTRANSFERASE
Immunogen	Human placental enzyme.
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human, Guinea pig, Mouse, Rat
Conjugate	Unconjugated
Applications	IHC-Fr; WB
Format	Serum - liquid
Size	50 µl
Preservative	None
Storage	-20°C only (ship +4°C)

GENE INFORMATION

Gene Name	CHAT choline O-acetyltransferase [Homo sapiens (human)]
Official Symbol	CHAT

Synonyms	CHAT; choline O-acetyltransferase; CMS1A; CMS1A2; CHOACTASE; choline acetylase; acetyl CoA:choline O-acetyltransferase; CHOLINE ACETYLTRANSFERASE;
Entrez Gene ID	1103
Protein Refseq	NP_001136401
UniProt ID	P28329
Chromosome Location	10q11.2
Pathway	Acetylcholine Neurotransmitter Release Cycle; Acetylcholine Synthesis; Biogenic Amine Synthesis; Cholinergic synapse; Glycerophospholipid biosynthesis; Glycerophospholipid metabolism; Metabolism; Metabolism of lipids and lipoproteins;
Function	choline O-acetyltransferase activity;