



Anti-ACHE (native) polyclonal antibody (CPBT-66694SH)

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

PRODUCT INFORMATION

Product Overview	Sheep anti Human acetylcholinesterase antibody recognizes human acetylcholinesterase. This enzyme terminates signal transduction at the neuromuscular junction by rapid hydrolysis of the acetylcholine released into the synaptic cleft. It also has a role in neuronal apoptosis. Sheep anti Human Acetylcholinesterase antibody may also react with acetylcholinesterase from other species.
Specificity	ACHE
Immunogen	Native from erythrocytes
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA
Format	Purified IgG - liquid
Size	1 ml
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	ACHE acetylcholinesterase (Yt blood group) [Homo sapiens (human)]
Official Symbol	ACHE
Synonyms	ACHE; acetylcholinesterase (Yt blood group); YT; ACEE; ARACHE; N-ACHE; acetylcholinesterase; Yt blood group; apoptosis-related acetylcholinesterase;
Entrez Gene ID	43
Protein Refseq	NP_000656
UniProt ID	P22303
Chromosome Location	7q22
Pathway	ATF-2 transcription factor network; Acetylcholine Synthesis; Biogenic Amine Synthesis; Cholinergic synapse; Glycerophospholipid biosynthesis; Glycerophospholipid metabolism; Integrated Pancreatic Cancer Pathway; Metabolism;
Function	acetylcholine binding; acetylcholinesterase activity; beta-amyloid binding; cholinesterase activity; collagen binding; hydrolase activity; laminin binding; protein binding; protein homodimerization activity; protein self-association; serine hydrolase activity;