

Acetylcholinesterase Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50956

Specification

Acetylcholinesterase Antibody - Product Information

Application	WB, E
Primary Accession	P22303
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	70 KDa

Acetylcholinesterase Antibody - Additional Information

Gene ID 43

Other Names

Acetylcholinesterase, AChE, ACHE

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Acetylcholinesterase Antibody - Protein Information

Name ACHE ([HGNC:108](#))

Function

Hydrolyzes rapidly the acetylcholine neurotransmitter released into the synaptic cleft allowing to terminate the signal transduction at the neuromuscular junction. Role in neuronal apoptosis.

Cellular Location

Synapse. Secreted. Cell membrane; Peripheral membrane protein [Isoform H]: Cell membrane; Lipid- anchor, GPI-anchor; Extracellular side

Tissue Location

Isoform H is highly expressed in erythrocytes.

Acetylcholinesterase Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Acetylcholinesterase Antibody - Images

Acetylcholinesterase Antibody - Background

Terminates signal transduction at the neuromuscular junction by rapid hydrolysis of the acetylcholine released into the synaptic cleft. Role in neuronal apoptosis.

Acetylcholinesterase Antibody - References

Soreq H., et al. Proc. Natl. Acad. Sci. U.S.A. 87:9688-9692(1990).
Karpel R., et al. Exp. Cell Res. 210:268-277(1994).
Yang L., et al. Submitted (JAN-2001) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Totoki Y., et al. Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.