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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 Cytomety
- 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.