

**ACHE / Acetylcholinesterase Antibody (N-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS11947**

**Specification**

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**ACHE / Acetylcholinesterase Antibody (N-Terminus) - Product Information**

Application	IHC
Primary Accession	<a href="#">P22303</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68kDa KDa

**ACHE / Acetylcholinesterase Antibody (N-Terminus) - Additional Information**

**Gene ID** 43

**Other Names**

Acetylcholinesterase, AChE, 3.1.1.7, ACHE

**Target/Specificity**

synthetic peptide corresponding to N-terminal residues of human ACHE (N-terminal extended acetylcholinesterase)

**Reconstitution & Storage**

+4°C or -20°C, Avoid repeated freezing and thawing.

**Precautions**

ACHE / Acetylcholinesterase Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**ACHE / Acetylcholinesterase Antibody (N-Terminus) - 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**

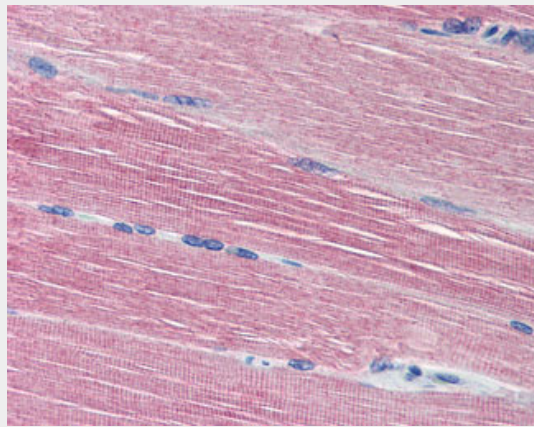
Isoform H is highly expressed in erythrocytes.

## ACHE / Acetylcholinesterase Antibody (N-Terminus) - 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](#)

## ACHE / Acetylcholinesterase Antibody (N-Terminus) - Images



Anti-Acetylcholinesterase antibody IHC of human skeletal muscle.

## ACHE / Acetylcholinesterase Antibody (N-Terminus) - Background

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

## ACHE / Acetylcholinesterase Antibody (N-Terminus) - 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.