

**AChE Polyclonal Antibody**  
Catalog # AP68261**Specification**

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**AChE Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P22303</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

**AChE Polyclonal Antibody - Additional Information****Gene ID** 43**Other Names**

ACHE; Acetylcholinesterase; AChE

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**AChE Polyclonal 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**

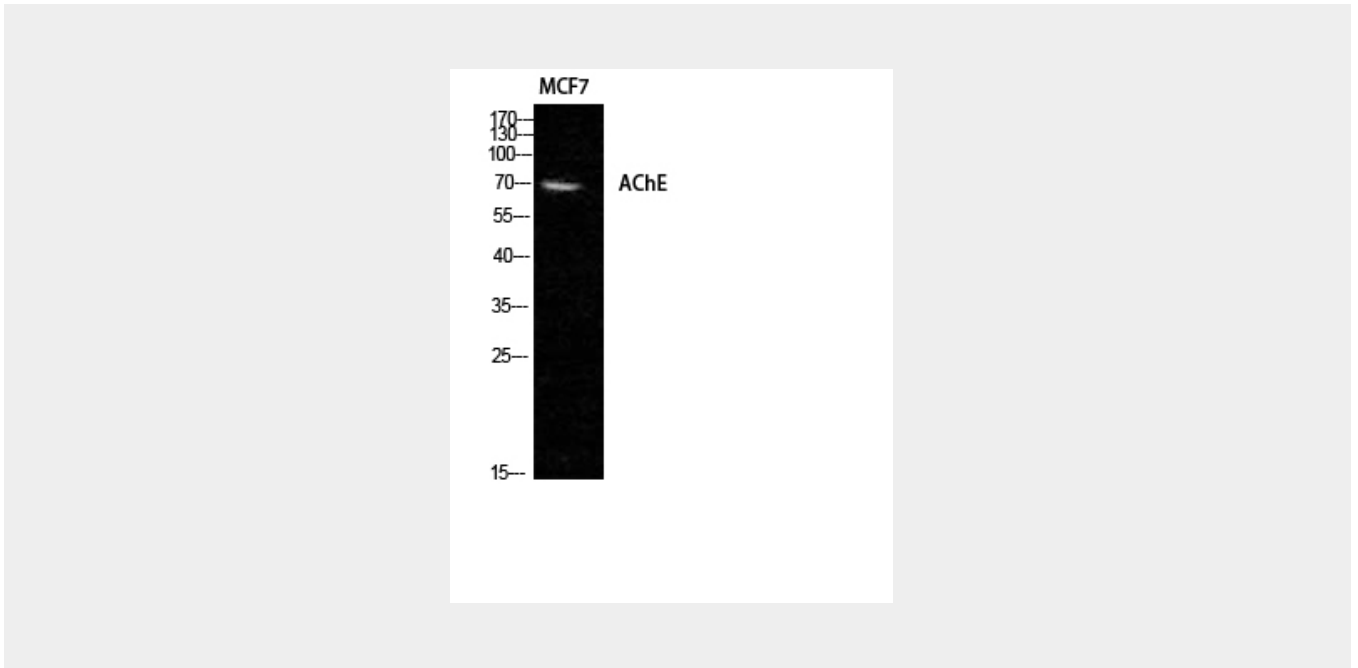
Isoform H is highly expressed in erythrocytes.

**AChE Polyclonal 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](#)

#### **AChE Polyclonal Antibody - Images**



#### **AChE Polyclonal Antibody - Background**

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