

Rabbit AChE Polyclonal Antibody | anti-AChE antibody

AChE Antibody

CATALOG # AAA225116	HOST Rabbit	APPLICATIONS Western Blot, Immunocytochemistry, Immunofluorescence
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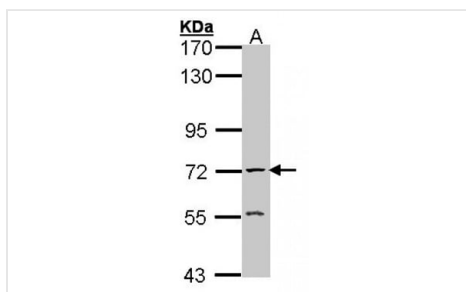
PRODUCT SYNONYMS

AChE; Polyclonal Antibody; AChE Antibody; Affinity Purified Rabbit Polyclonal AChE Antibody; Polyclonal AChE antibody; Anti-AChE antibody; N-ACHE antibody; acetylcholinesterase antibody; apoptosis-related acetylcholinesterase antibody; ARACHE antibody; YT antibody; ACHE antibody; Yt blood group antibody; anti-AChE antibody

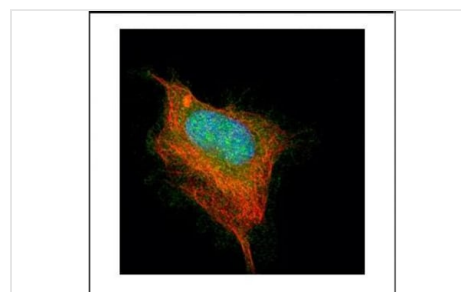
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	301
Applicable Applications for anti-AChE antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	AChE antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 406 and 614 of AChE
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Raji) using a 7.5% SDS PAGE gel and AChE antibody at a dilution of 1:1000


IF (Immunofluorescence)

Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa cells, using AChE antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:2500.

ADDITIONAL INFORMATION

Related Product Information for anti-AChE antibody	Acetylcholinesterase hydrolyzes the neurotransmitter, acetylcholine at neuromuscular junctions and brain cholinergic synapses, and thus terminates signal transmission. It is also found on the red blood cell membranes, where it constitutes the Yt blood group antigen. Acetylcholinesterase exists in multiple molecular forms which possess similar catalytic properties, but differ in their oligomeric assembly and mode of cell attachment to the cell surface. It is encoded by the single ACHE gene, and the structural diversity in the gene products arises from alternative mRNA splicing, and post-translational associations of catalytic and structural subunits. The major form of acetylcholinesterase found in brain, muscle and other tissues is the hydrophilic species, which forms disulfide-linked oligomers with collagenous, or lipid-containing structural subunits.
Product Categories/Family for anti-AChE antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	111433462
Molecular Weight	68 kDa
NCBI Official Full Name	Ache, partial

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ache-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/225116>