

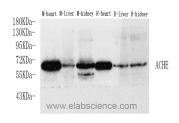
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ACHE Polyclonal Antibody

Catalog No.E-AB-70014ReactivityM,RStorageStore at -20°C. Avoid freeze / thaw cycles.HostRabbitApplicationsWBIsotypeIgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western Blot analysis of various samples using ACHE Polyclonal Antibody at dilution of 1:750.

Immunogen Information

Immunogen KLH conjugated Synthetic peptide corresponding to

Mouse AChE

Swissprot P21836,P37136

Synonyms AChE, acetylhydrolase, acetylcholinesteraseACEE,

ARN-YT, acetylcholinesterase

Product Information

Calculated MW 68kDa Observed MW 68kDa

Buffer PBS with 0.02% sodium azide, 1% protective protein

and 50% glycerol, pH7.4

Purify Affinity purification **Dilution** WB 1:500-1:2000

Background

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.