ACHE Polyclonal Antibody

catalog number: **E-AB-70015**

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

Description

Reactivity	Mouse;Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse AchE
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications	Recommended Dilution
IHC	1:300-1:1000

Data



Immunohistochemistry analysis of paraffin-embedded mouse brain using ACHE Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded rat brain using ACHE Polyclonal Antibody at dilution of 1:300.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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.

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