

## AChE antibody [HL1102]

Cat. No. GTX636298

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat, Cat

★★★★★ Review ( 1 )

Package  
100 µl, 25 µl

## APPLICATION

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Calculated MW 68 kDa. ( [Note](#) )

## PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human AChE. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

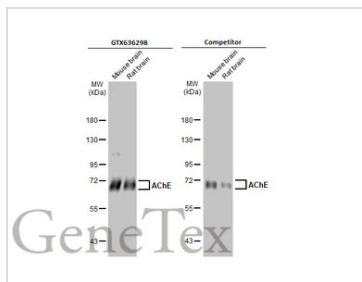
## Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

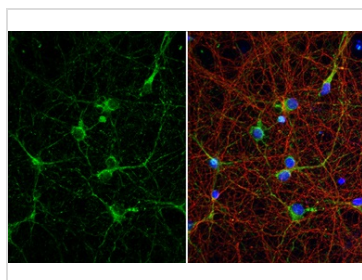


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**DATA IMAGES**

**GTX636298 WB Image**

Various tissue extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membranes were blotted with AChE antibody [HL1102] (GTX636298) diluted at 1:1000 and competitor's antibody (competitor) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

\*The competitor is not affiliated with GeneTex and does not endorse this product.


**GTX636298 ICC/IF Image**

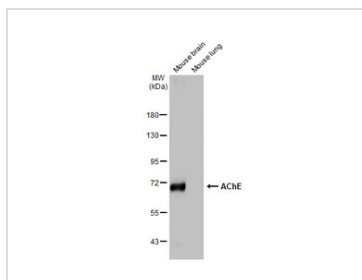
AChE antibody [HL1102] detects AChE protein at dendrite by immunofluorescent analysis.

Sample: DIV9 rat E18 primary cortical neuron and glia cells were fixed in 4% paraformaldehyde at RT for 15 min.

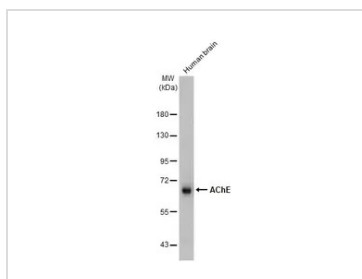
Green: AChE stained by AChE antibody [HL1102] (GTX636298) diluted at 1:250.

Red: Tau, an axon marker, stained by Tau antibody [GT287] (GTX634809) diluted at 1:500.

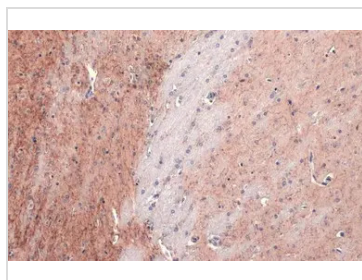
Blue: Fluoroshield with DAPI (GTX30920).


**GTX636298 WB Image**

Various tissue extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with AChE antibody [HL1102] (GTX636298) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX636298 WB Image**

Human tissue extract (30 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with AChE antibody [HL1102] (GTX636298) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.


**GTX636298 IHC-P Image**

AChE antibody [HL1102] detects AChE protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mouse brain.

AChE stained by AChE antibody [HL1102] (GTX636298) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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