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Product datasheet for TA324994S

Acetylcholinesterase (ACHE) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IF, IHC, WB
Recommended Dilution:	WB: 1:1000, IHC: 1:10~50, FC: 1:10~50, IF: 1:10~50
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This ACHE antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 147-175 amino acids from the N-terminal region of human ACHE.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	67796 Da
Gene Name:	acetylcholinesterase (Cartwright blood group)
Database Link:	NP_000656 Entrez Gene 43 Human P22303
Synonyms:	ACEE; ARACHE; N-ACHE; YT
Protein Families:	Druggable Genome
Protein Pathways:	Glycerophospholipid metabolism

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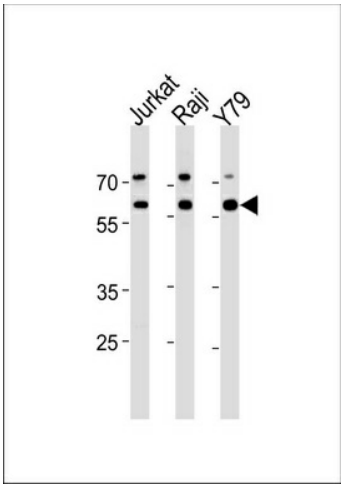
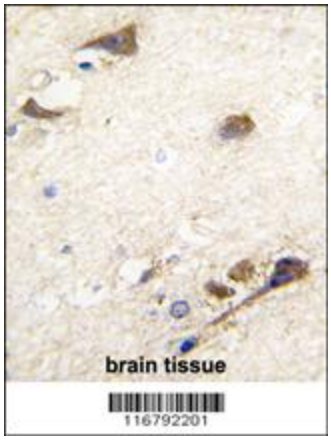
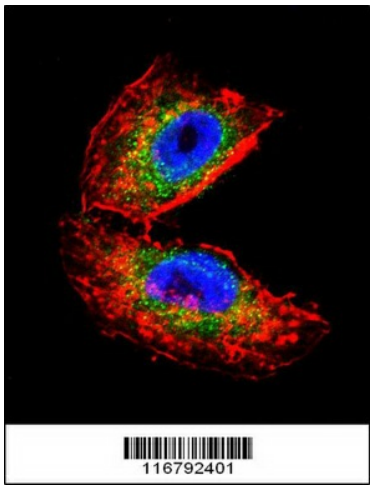
Product images:



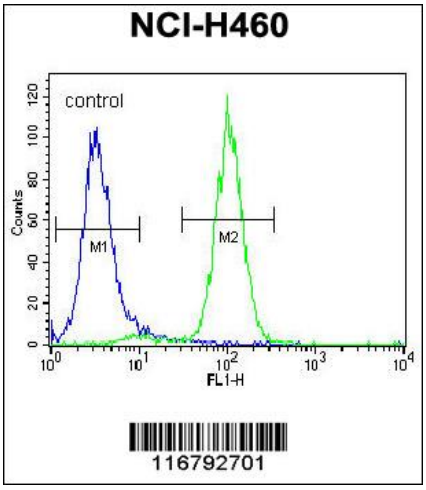
ACHE Antibody (N-term) (Cat. #[TA324994]) western blot analysis in Jurkat, Raji, Y79 cell line lysates (35ug/lane).This demonstrates the ACHE antibody detected the ACHE protein (arrow).



Formalin-fixed and paraffin-embedded human brain tissue reacted with ACHE antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Confocal immunofluorescent analysis of ACHE Antibody (N-term) (Cat#[TA324994]) with NCI-H460 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green).Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).DAPI was used to stain the cell nuclear (blue).



ACHE Antibody (N-term) (Cat. #[TA324994]) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.