

Mouse ACHE Monoclonal Antibody | anti-ACHE antibody

ACHE Antibody (C-term)

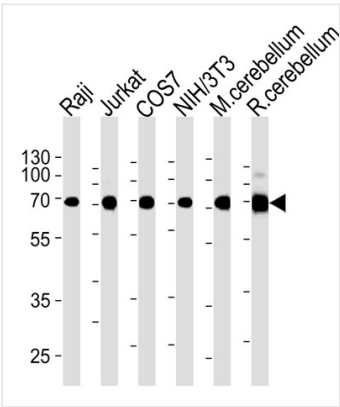
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283415	Mouse	Human, Mouse, Rat, African Green Monkey Predicted Reactivity: Bovine, Rabbit	ELISA, Western Blot

PRODUCT SYNONYMS

ACHE; Monoclonal Antibody; ACHE Antibody (C-term); Acetylcholinesterase; AChE; anti-ACHE antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, African Green Monkey Predicted Reactivity: Bovine, Rabbit
Clonality	Monoclonal
Isotype	IgG1
Specificity	This ACHE antibody is generated from mouse immunized with a KLH conjugated synthetic peptide between 587-611 amino acids from the C-terminal region of human ACHE.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Applicable Applications for anti-ACHE antibody	ELISA, WB (Western Blot)
Function	Terminates signal transduction at the neuromuscular junction by rapid hydrolysis of the acetylcholine released into the synaptic cleft. Role in neuronal apoptosis.
Cellular Location	Cell junction, synapse. Secreted. Cell membrane; Peripheral membrane protein [Isoform H]: Cell membrane; Lipid-anchor, GPI-anchor; Extracellular side
Tissue Location	Isoform H is highly expressed in erythrocytes.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
ACHE Antibody (C-term)(AAA283415) western blot analysis in Raji,Jurkat,COS7,mouse NIH/3T3 cell line and mouse cerebellum, rat cerebellum tissue lysates (35ug/lane).This demonstrates the ACHE antibody detected the ACHE protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ACHE antibody	Terminates signal transduction at the neuromuscular junction by rapid hydrolysis of the acetylcholine released into the synaptic cleft. Role in neuronal apoptosis.
Product Categories/Family for anti-ACHE antibody	Crown Antibodies; Neuroscience
References	Soreq H., et al. Proc. Natl. Acad. Sci. U.S.A. 87:9688-9692(1990). Karpel R., et al. Exp. Cell Res. 210:268-277(1994). Yang L., et al. Submitted (JAN-2001) to the EMBL/GenBank/DDBJ databases. Ota T., et al. Nat. Genet. 36:40-45(2004). Totoki Y., et al. Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557239
NCBI GeneID	43
NCBI Accession #	NP_000656.1; NP_001269378.1; NP_056646.1
NCBI GenBank Nucleotide #	NM_000665.4
UniProt Accession #	P22303; Q16169; Q29S23; Q2M324; Q504V3; Q53F46; Q86TM9; Q86YX9; Q9BXP7; A4D2E2; B7ZKZ0; D6W5X7
NCBI Official Full Name	acetylcholinesterase isoform E4-E6
NCBI Official Synonym Full Names	acetylcholinesterase (Yt blood group)
NCBI Official Symbol	ACHE
NCBI Official Synonym Symbols	YT; ACEE; ARACHE; N-ACHE
NCBI Protein Information	acetylcholinesterase
UniProt Protein Name	Acetylcholinesterase
UniProt Gene Name	ACHE
UniProt Synonym Gene Names	AChE
UniProt Entry Name	ACES_HUMAN

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/monoclonal/ache-antibody-western-blot-elisa/283415>