

Datasheet for ABIN7433645

anti-Acetylcholinesterase antibody (AA 157-332)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Acetylcholinesterase (AChE)
Binding Specificity:	AA 157-332
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Acetylcholinesterase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Acetylcholinesterase (ACHE)
Immunogen:	Recombinant Acetylcholinesterase (ACHE) corresponding to Gly157~Pro332 (Accession # P37136)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ACHE. It has been selected for its ability to recognize ACHE in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

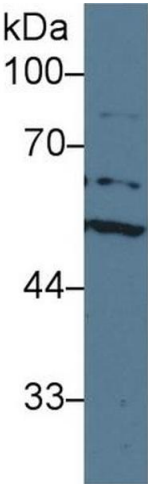
Target:	Acetylcholinesterase (AChE)
Alternative Name:	Acetylcholinesterase (AChE Products)
Background:	ARACHE, N-AChE, YT
Pathways:	Skeletal Muscle Fiber Development

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:300-1300 Immunohistochemistry: 5-20 µg/mL 1:30-130 Immunocytochemistry: 5-20 µg/mL 1:30-130 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

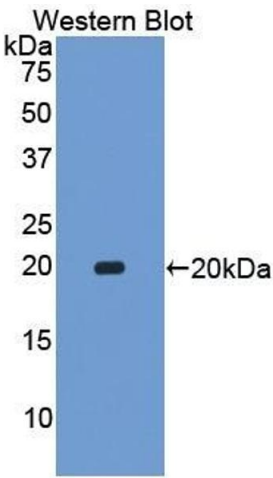
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



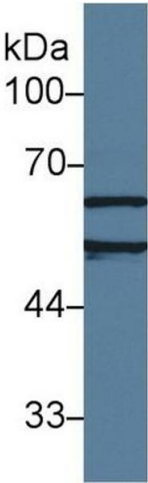
Western Blotting

Image 1. Detection of ACHE in Human HepG2 cell lysate using Polyclonal Antibody to Acetylcholinesterase (ACHE)



Western Blotting

Image 2. Detection of Recombinant AchE, Rat using Polyclonal Antibody to Acetylcholinesterase (ACHE)



Western Blotting

Image 3. Detection of ACHE in Human Jurkat cell lysate using Polyclonal Antibody to Acetylcholinesterase (ACHE)