Datasheet for ABIN3015502

anti-Butyrylcholinesterase antibody (AA 29-270)

2 Images

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Overview

Quantity:	100 µL
Target:	Butyrylcholinesterase (BCHE)
Binding Specificity:	AA 29-270
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Butyrylcholinesterase antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 29-270 of human Butyrylcholinesterase (NP_000046.1).
Sequence:	EDDIIIATKN GKVRGMNLTV FGGTVTAFLG IPYAQPPLGR LRFKKPQSLT KWSDIWNATK YANSCCQNID QSFPGFHGSE MWNPNTDLSE DCLYLNVWIP APKPKNATVL IWIYGGGFQT GTSSLHVYDG KFLARVERVI VVSMNYRVGA LGFLALPGNP EAPGNMGLFD QQLALQWVQK NIAAFGGNPK SVTLFGESAG AASVSLHLLS PGSHSLFTRA ILQSGSFNAP WAVTSLYEAR NR
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

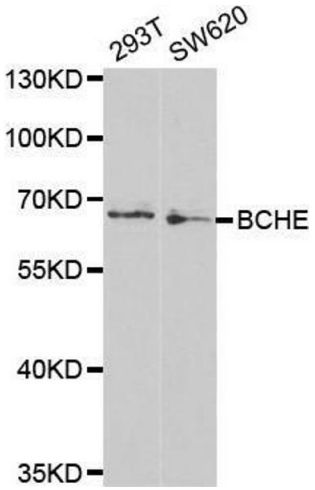
Target:	Butyrylcholinesterase (BCHE)
Alternative Name:	BCHE (BCHE Products)
Background:	Mutant alleles at the BCHE locus are responsible for suxamethonium sensitivity. Homozygous persons sustain prolonged apnea after administration of the muscle relaxant suxamethonium in connection with surgical anesthesia. The activity of pseudocholinesterase in the serum is low and its substrate behavior is atypical. In the absence of the relaxant, the homozygote is at no known disadvantage.,BCHE,CHE1,CHE2,E1,Signal Transduction,Endocrine & Metabolism,Drug metabolism,Neuroscience,Neurodegenerative Diseases,Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimer's Disease,BCHE
Molecular Weight:	68 kDa
Gene ID:	590
UniProt:	P06276
Pathways:	Peptide Hormone Metabolism

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

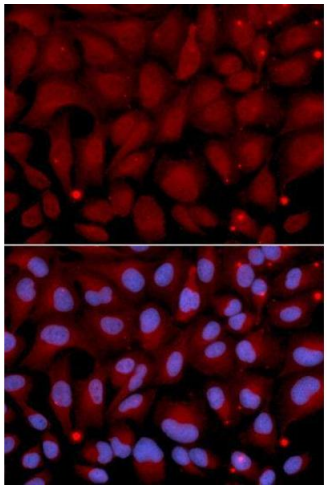
Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using BCHE antibody.



Immunofluorescence

Image 2. Immunofluorescence analysis of U2OS cell using BCHE antibody. Blue: DAPI for nuclear staining.

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