

anti-Mouse BCHE Polyclonal Antibody | anti-BCHE antibody

Anti-BCHE Antibody

CATALOG # AAA46427	REACTIVITY Mouse	APPLICATIONS Western Blot
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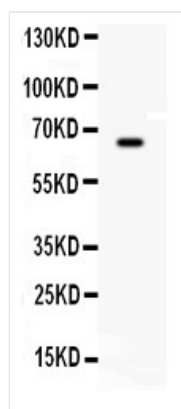
PRODUCT SYNONYMS

BCHE; Polyclonal Antibody; Anti-BCHE Antibody; Cholinesterase; Acylcholine acylhydrolase; Butyrylcholine esterase; CHE1; CHE2; CHLE_HUMAN; Choline esterase II; Cholinesterase (serum) 2; Cholinesterase 1; E1; Pseudocholinesterase; butyrylcholinesterase; anti-BCHE antibody

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Clonality	Polyclonal
Specificity	No cross reactivity with other proteins
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	603
Applicable Applications for anti-BCHE antibody	WB (Western Blot)
Immunogen	E Coli-derived mouse BCHE recombinant protein (Position: K263-E571). Mouse BCHE shares 78% amino acid (aa) sequence identity with human BCHE.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Anti- BCHE Picoband antibody, AAA46427, Western blottingAll lanes: Anti BCHE (AAA46427)
at 0.5ug/mlWB: HEPA Whole Cell Lysate at 40ugPredicted bind size: 66KDObserved bind
size: 66KD

ADDITIONAL INFORMATION

Related Product Information for anti-BCHE antibody	Description: Rabbit IgG polyclonal antibody for Cholinesterase(BCHE) detection. Tested with WB in Mouse. Background: Butyrylcholinesterase (BCHE, or BuChE), also known as pseudocholinesterase or plasma cholinesterase, is a non-specific cholinesterase enzyme that hydrolyses many different choline esters. In humans, it is found primarily in the liver and is encoded by the BCHE gene. 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.
References	1. Alderdice PW, Gardner HA, Galutira D, Lockridge O, LaDu BN, McAlpine PJ (Oct 1991). "The cloned butyrylcholinesterase (BCHE) gene maps to a single chromosome site, 3q26". Genomics 11 (2): 452-4. 2. Jasmin L (2013-05-28). "Cholinesterase - blood". University of Maryland Medical Center. 3. Pohanka M (2013). "Butyrylcholinesterase as a biochemical marker". Bratislavské Lekárske Listy 114 (12): 726-734.

NCBI AND UNIPROT INFORMATION

NCBI GI #	124487350
NCBI GeneID	12038
NCBI Accession #	NP_033868.3
NCBI GenBank Nucleotide #	NM_009738.3
UniProt Accession #	Q03311; Q543J3
NCBI Official Full Name	cholinesterase
NCBI Official Synonym Full Names	butyrylcholinesterase
NCBI Official Symbol	Bche
NCBI Official Synonym Symbols	C730038G20Rik
NCBI Protein Information	cholinesterase
UniProt Protein Name	Cholinesterase
UniProt Gene Name	Bche
UniProt Entry Name	CHLE_MOUSE

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://stage.aaabiotech.com/polyclonal/bche-antibody-western-blot-elisa/46427>