

Rabbit anti-Human BCHE / Cholinesterase Polyclonal Antibody | anti-BCHE antibody

Rabbit Polyclonal to Human BCHE / Cholinesterase

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51471	Rabbit	Human	ELISA, Western Blot, Immunofluorescence, Immunohistochemistry

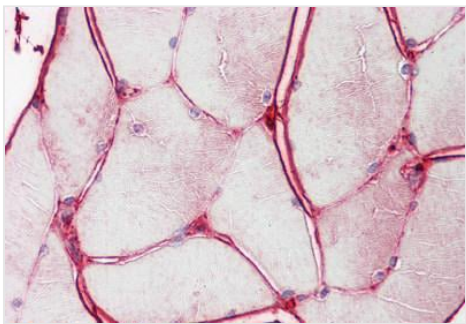
PRODUCT SYNONYMS

BCHE / Cholinesterase; Polyclonal Antibody; Rabbit Polyclonal to Human BCHE / Cholinesterase; Anti-BCHE / Cholinesterase Antibody IHC-plus; BCHE; Acylcholine acylhydrolase; Butyrylcholine esterase; Choline esterase II; CHE1; Cholinesterase; Pseudocholinesterase; Butyrylcholinesterase; Cholinesterase 1; Human BCHE; anti-BCHE antibody

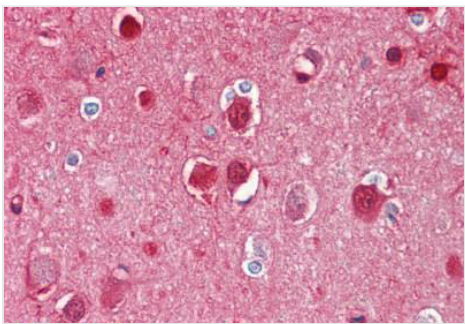
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human BCHE / Butyrylcholinesterase. The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: immunoelectrophoresis, cross-immunoelectrophoresis, single radial immunodiffusion (Ouchterlony), block titration, ELISA, immunoblotting and enzyme inhibition. Cross-reactivity Cross-reactivities against enzymes of other sources may occur but have not been determined.
Purity/Purification	Ion exchange Chromatography
Form/Format	Lyophilized from PBS, pH 7.2
Sequence Length	602
Applicable Applications for anti-BCHE antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Resuspension Liquid Description	Reconstitute with 1ml ddH2O
Immunogen Description	Human serum Butyrylcholinesterase
Immunogen Type	Purified protein
Preparation and Storage	Store lyophilized at 4 degree C. Once reconstituted, aliquot and store at -20 degree C. Avoid freeze/thaw cycles. Store undiluted.

IMAGES



IHC (Immunohistochemistry)
Anti-BCHE / Cholinesterase antibody IHC of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:200.



IHC (Immunohistochemistry)
Anti-BCHE / Cholinesterase antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-BCHE antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557351
NCBI GeneID	590
NCBI Accession #	NP_000046.1
NCBI GenBank Nucleotide #	NM_000055.2
UniProt Accession #	P06276; A8K7P8
Molecular Weight	68,418 Da
NCBI Official Full Name	cholinesterase
NCBI Official Synonym Full Names	butyrylcholinesterase
NCBI Official Symbol	BCHE
NCBI Official Synonym Symbols	E1; CHE1; CHE2
NCBI Protein Information	cholinesterase; cholinesterase 1; choline esterase II; pseudocholinesterase; butyrylcholine esterase; cholinesterase (serum) 2; acylcholine acylhydrolase
UniProt Protein Name	Cholinesterase
UniProt Gene Name	BCHE
UniProt Synonym Gene Names	CHE1
UniProt Entry Name	CHLE_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.