

Rabbit BCHE Polyclonal Antibody | anti-BCHE antibody

BCHE antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199392	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep	Western Blot, Immunohistochemistry

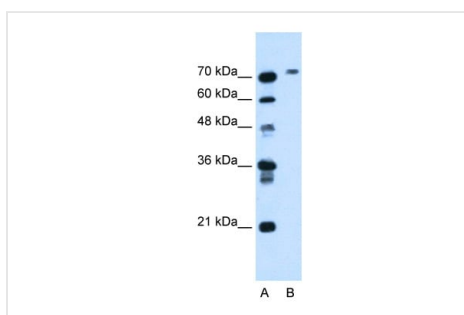
PRODUCT SYNONYMS

BCHE; Polyclonal Antibody; BCHE antibody - N-terminal region; anti-BCHE antibody

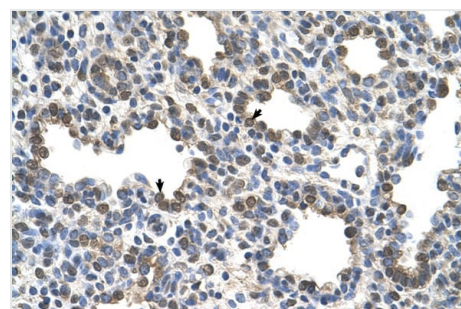
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SS LHVYDGKFLA RVERVIVVSM NYRVGALGFL ALPGNPEAPG NMGLFDQQ
Sequence Length	602
Applicable Applications for anti-BCHE antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human BCHE
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-BCHE Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate


IHC (Immunohistochemistry)

Human Lung

ADDITIONAL INFORMATION

Related Product Information for anti-BCHE antibody	This is a rabbit polyclonal antibody against BCHE. It was validated on Western Blot and immunohistochemistry Target Description: 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.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.
Product Categories/Family for anti-BCHE antibody	Polyclonal; Signal Proteins; Membrane Protein; Drugs and Drug Metabolism; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557351
NCBI GeneID	590
NCBI Accession #	NP_000046
NCBI GenBank Nucleotide #	NM_000055
UniProt Accession #	P06276
Molecular Weight	68kDa
NCBI Official Full Name	cholinesterase
NCBI Official Synonym Full Names	butyrylcholinesterase
NCBI Official Symbol	BCHE
NCBI Official Synonym Symbols	E1; CHE1; CHE2; BCHED
NCBI Protein Information	cholinesterase
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.