CHLE Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CHLE, Polyclonal Antibody
Full Product Name	CHLE Polyclonal Antibody
Product Gene Name	anti-CHLE antibody
Product Synonym Names	Cholinesterase; EC 3.1.1.8; Acylcholine acylhydrolase; Butyrylcholine esterase; Choline esterase II; Pseudocholinesterase; BCHE; CHE1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Store at-20 degree C for 1 year.
Molecular Weight	66
OMIM	177400
3D Structure	ModBase 3D Structure for P06276
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CHLE antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-CHLE antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-CHLE antibody	MBS8531323 is an antibody targeting CHLE. Also known as CHLE Polyclonal Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-CHLE antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CHLE. It may not necessarily be applicable to this product.

NCBI GI #	4557351
NCBI GeneID	590
NCBI Accession #	NP_000046.1
UniProt Primary Accession #	P06276
UniProt Secondary Accession #	A8K7P8
UniProt Related Accession #	P06276
GenBank Nucleotide #	NM_000055.3

NCBI Official Full Name	cholinesterase
NCBI Official Synonym Full Names	butyrylcholinesterase
NCBI Official Symbol	BCHE
NCBI Official Synonym Symbols	E1; CHE1; CHE2; BCHED
UniProt Protein Name	Cholinesterase
UniProt Synonym Protein Names	Acylcholine acylhydrolase; Butyrylcholine esterase; Choline esterase II; Pseudocholinesterase
UniProt Gene Name	BCHE
UniProt Synonym Gene Names	CHE1
NCBI Protein Information	cholinesterase
NCBI Summary for CHLE	This gene encodes a cholinesterase enzyme and member of the type-B carboxylesterase/lipase family of proteins. The encoded enzyme exhibits broad substrate specificity and is involved in the detoxification of poisons including organophosphate nerve agents and pesticides, and the metabolism of drugs including cocaine, heroin and aspirin. Humans homozygous for certain mutations in this gene exhibit prolonged apnea after administration of the muscle relaxant succinylcholine. [provided by RefSeq, Jul 2016]
UniProt Comments for CHLE	Esterase with broad substrate specificity. Contributes to the inactivation of the neurotransmitter acetylcholine. Can degrade neurotoxic organophosphate esters.
Research Articles on CHLE	**1.** This study validated preoperative serum BChE levels as an independent prognostic factor for urinary tract urothelial carcinoma after radical nephroureterectomy.
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