

**BCHE / Cholinesterase Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS15229****Specification**

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**BCHE / Cholinesterase Antibody - Product Information**

Application	IHC
Primary Accession	<a href="#">P06276</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68kDa KDa

**BCHE / Cholinesterase Antibody - Additional Information****Gene ID** 590**Other Names**

Cholinesterase, 3.1.1.8, Acylcholine acylhydrolase, Butyrylcholine esterase, Choline esterase II, Pseudocholinesterase, BCHE, CHE1

**Target/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 ...

**Reconstitution & Storage**

Store lyophilized at 4°C. Once reconstituted, aliquot and store at -20°C. Avoid freeze/thaw cycles. Store undiluted.

**Precautions**

BCHE / Cholinesterase Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**BCHE / Cholinesterase Antibody - Protein Information****Name** BCHE**Synonyms** CHE1**Function**

Esterase with broad substrate specificity. Contributes to the inactivation of the neurotransmitter acetylcholine. Can degrade neurotoxic organophosphate esters.

**Cellular Location**

Secreted

**Tissue Location**

Detected in blood plasma (at protein level). Present in most cells except erythrocytes

**Volume**

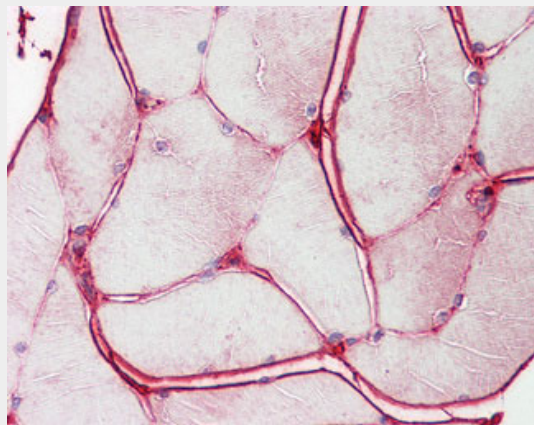
50  $\mu$ l

**BCHE / Cholinesterase Antibody - Protocols**

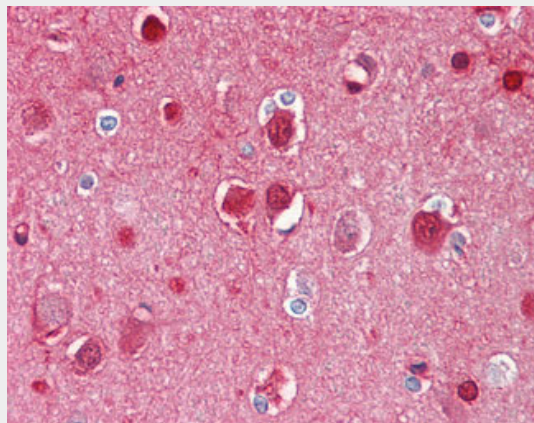
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**BCHE / Cholinesterase Antibody - Images**



Anti-BCHE / Cholinesterase antibody IHC of human skeletal muscle.



Anti-BCHE / Cholinesterase antibody IHC of human brain, cortex.

**BCHE / Cholinesterase Antibody - Background**

Esterase with broad substrate specificity. Contributes to the inactivation of the neurotransmitter

acetylcholine. Can degrade neurotoxic organophosphate esters.

#### **BCHE / Cholinesterase Antibody - References**

- Prody C.A.,et al.Proc. Natl. Acad. Sci. U.S.A. 84:3555-3559(1987).  
McTiernan C.,et al.Proc. Natl. Acad. Sci. U.S.A. 84:6682-6686(1987).  
Arpagaus M.,et al.Biochemistry 29:124-131(1990).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
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