

# Anti-Butyrylcholinesterase antibody [3E8] ab17246

**3 References**   **1 图像**

### 概述

产品名称	Anti-Butyrylcholinesterase抗体[3E8]
描述	小鼠单克隆抗体[3E8] to Butyrylcholinesterase
宿主	Mouse
特异性	No reaction is seen with acetylcholinesterase from human nervous tissue and erythrocytes.
经测试应用	<b>适用于:</b> ELISA <b>不适用于:</b> WB
种属反应性	<b>与反应:</b> Human
免疫原	Full length native protein (purified) corresponding to Human Butyrylcholinesterase. (Isolated from human plasma).
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Store In the Dark.
存储溶液	pH: 7.40 Preservative: 0.097% Sodium azide Constituents: 0.0268% PBS, 2.9% Sodium chloride
纯度	Protein G purified
克隆	单克隆
克隆编号	3E8
骨髓瘤	x63-Ag8.653
同种型	IgG1
轻链类型	kappa

**Abpromise™** 承诺保证使用ab17246于以下的经测试应用

“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ELISA		1/8000.

## 应用说明

Is unsuitable for WB.

### 功能

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

### 组织特异性

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

### 疾病相关

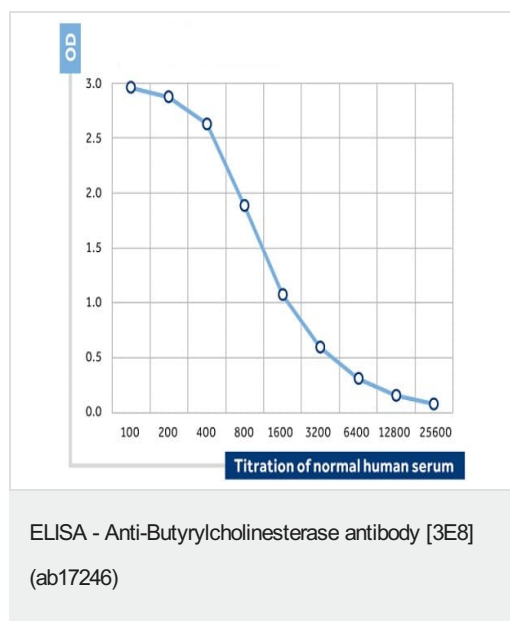
Defects in BCHE are the cause of butyrylcholinesterase deficiency (BChE deficiency) [MIM:177400]. BChE deficiency is a metabolic disorder characterized by prolonged apnoea after the use of certain anesthetic drugs, including the muscle relaxants succinylcholine or mivacurium and other ester local anesthetics. The duration of the prolonged apnoea varies significantly depending on the extent of the enzyme deficiency. BChE deficiency is a multifactorial disorder. The hereditary condition is transmitted as an autosomal recessive trait.

## 序列相似性

Belongs to the type-B carboxylesterase/lipase family.

## 细胞定位

Secreted.



Calibration curve of a sandwich assay for Butyrylcholinesterase using ab17246 as the capture antibody and a biotinylated detection antibody.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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