

Rabbit Anti-Canine Butyrylcholinesterase (BCHE) Polyclonal Antibody-[FITC]

Cat. No.: VD11N482

Product Type: Animal-targeted Antibodies

Size: 100 µg; 200 µg; 1 mg

Product Overview

BioVenic rabbit polyclonal antibody is specific for canine butyrylcholinesterase. It is affinity purified by protein G. It can be applied to ELISA assay of canine butyrylcholinesterase.

Specifications

Application	ELISA
Clonality	Polyclonal
Classification	Primary Antibody
Clone	D30N7
Host	Rabbit
Target Species	Canine
Species Reactivity	Canine
Specificity	Canine Butyrylcholinesterase
Isotype	IgG
Immunogen	Recombinant protein of butyrylcholinesterase
Purification	Protein G Purified
Purity	> 95%
Conjugation	FITC
Preservative and Stabilizer	0.03% Proclin 300
Buffer	0.01M Phosphate Buffered Saline, pH 7.4, 50% Glycerol
Physical State	Liquid

Target Information

Canine butyrylcholinesterase (BChE) is an enzyme that plays a significant role in the cholinergic system, particularly in the degradation of acetylcholine. It is closely associated with cognitive functions and is an important target for the symptomatic treatment of can

ine cognitive dysfunction (CCD), which shares similarities with Alzheimer's disease (AD) in humans. BChE is also implicated in the progression or prognosis of various diseases and has been identified as a potential therapeutic target for conditions such as multiple sclerosis, cocaine addiction, and organophosphorus poisoning.

Target	Canine Butyrylcholinesterase
Target Synonym	BCHE; Acylcholine acylhydrolase; Butyrylcholine esterase; Choline esterase II; Pseudocholinesterase
Gene ID	488143
UniProt ID	P32750

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 12 months). Avoid repeated freezing and thawing as this may denature the antibody.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.