

Rabbit Anti-Bovine Acetylcholinesterase (AChE) Polyclonal Antibody-[HRP]

Cat. No.: VD11N529

Product Type: Animal-targeted Antibodies

Size: 100 µg; 200 µg; 1 mg

Product Overview

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

Specifications

Application	ELISA
Clonality	Polyclonal
Classification	Primary Antibody
Clone	J1N36
Host	Rabbit
Target Species	Bovine
Species Reactivity	Bovine
Specificity	Bovine Acetylcholinesterase
Isotype	IgG
Immunogen	Recombinant protein of acetylcholinesterase
Purification	Protein G Purified
Purity	> 95%
Conjugation	HRP
Preservative and Stabilizer	0.03% Proclin 300
Buffer	0.01M Phosphate Buffered Saline, pH 7.4, 50% Glycerol
Physical State	Liquid

Target Information

Bovine acetylcholinesterase (AChE) is a key enzyme in the nervous system, renowned for its role in hydrolyzing the neurotransmitter acetylcholine, which is essential for regulating neurotransmission at the postsynaptic membranes and neuromuscular junctions.

This enzyme belongs to the family of α/β hydrolases and is characterized by its high efficiency and a catalytic triad consisting of serine, aspartic acid, and histidine residues. Beyond its catalytic function, AChE is believed to have significant non-catalytic roles in development, regeneration, and modulation of neuronal properties.

Target	Bovine Acetylcholinesterase
Target Synonym	AChE
Gene ID	540446
UniProt ID	P23795

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.