

Mouse Anti-Canine Capping Actin Protein Z-line Alpha 1 (CAPZA1) Monoclonal Antibody

Cat. No.: VD11N98

Product Type: Animal-targeted Antibodies

Size: 100 µL

Product Overview

BioVenic mouse monoclonal antibody is specific for canine capping actin protein Z-line alpha 1. It can be applied to WB, IHC and FACS assays of canine capping actin protein Z-line alpha 1.

Specifications

Application	WB; IHC; FACS
Clonality	Monoclonal
Classification	Primary Antibody
Clone	S13N50
Host	Mouse
Target Species	Canine
Species Reactivity	Canine
Specificity	Canine Capping Actin Protein Z-line Alpha 1
Isotype	IgG1
Immunogen	Recombinant protein of capping actin protein Z-line alpha 1
Concentration	0.67 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline, 1% BSA, 50% Glycerol
Physical State	Liquid

Target Information

Canine capping actin protein Z-line alpha 1 (CAPZA1) is a protein that plays a crucial role in the regulation of actin filament growth. It is a member of the F-actin capping protein alpha subunit family and is involved in capping the barbed end of growing actin filaments, thereby controlling actin dynamics. This protein is expressed ubiquitously and is particularly important in muscle function and st

structure, as well as in various cellular processes such as cell migration and cytoskeletal organization. Understanding CAPZA1 in dogs is essential for insights into muscle biology, cellular motility, and the potential role in disease processes, including cancer.

Target	Canine Capping Actin Protein Z-line Alpha 1
Target Synonym	CAPZA1; F-actin-capping protein subunit alpha
Gene ID	475857
UniProt ID	A0A8C0SIZ0

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.