

Rabbit Anti-Canine Thrombomodulin (THBD) Polyclonal Antibody

Cat. No.: VD11N288

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for canine thrombomodulin. It is affinity purified by protein A. It can be applied to WB, IHC and IF/ICC assays of canine thrombomodulin.

Specifications

Application	WB; IHC; IF/ICC
Clonality	Polyclonal
Classification	Primary Antibody
Clone	D17N25
Host	Rabbit
Target Species	Canine
Species Reactivity	Canine
Specificity	Canine Thrombomodulin
Immunogen	Recombinant protein of thrombomodulin
Purification	Protein A Purified
Conjugation	Unconjugated
Preservative and Stabilizer	0.05% Proclin 300
Buffer	0.01M Phosphate Buffered Saline, pH 7.4, 50% Glycerol
Physical State	Liquid

Target Information

Canine thrombomodulin (TM), encoded by the THBD gene, is a glycoprotein primarily located on endothelial cell surfaces and is a major regulator of vascular thromboresistance. It plays a crucial role in the anticoagulant process by binding thrombin and activating protein C, which inhibits the coagulation cascade. TM expression can be down-regulated in dogs with systemic inflammatory diseases, leading to an increased risk of thrombosis and disseminated intravascular coagulation. This protein is essential for maintaining vascular homeostasis and has anticoagulant, anti-inflammatory, and cytoprotective properties.

Target	Canine Thrombomodulin
Target Synonym	THBD
Gene ID	474355
UniProt ID	Q5W7P8

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.