

Rabbit Anti-Bovine Antithrombin (AT) Polyclonal Antibody

Cat. No.: VD11N316

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

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

Specifications

Application	WB; IHC; IF/ICC
Clonality	Polyclonal
Classification	Primary Antibody
Clone	D19N26
Host	Rabbit
Target Species	Bovine
Species Reactivity	Bovine
Specificity	Bovine Antithrombin
Immunogen	Recombinant protein of antithrombin
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

Bovine antithrombin (AT) is a natural anticoagulant that plays a crucial role in the hemostatic system by neutralizing key serine proteases of the coagulation cascade, including Thrombin (IIa), Factor Xa (FXa), and others. This protein, found in bovine skeletal muscle, is capable of inhibiting all the serine proteases of the intrinsic coagulation system by forming highly stable, inactive complexes with the enzymes. Antithrombin is essential in maintaining blood fluidity and preventing unwanted clot formation.

Target	Bovine Antithrombin
Target Synonym	AT
Gene ID	540261
UniProt ID	P41361

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.