

Rabbit Anti-Bovine Alpha-Fetoprotein (AFP) Polyclonal Antibody

Cat. No.: VD1N103

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for bovine alpha-fetoprotein. It is affinity purified by protein A. It can be applied to WB, IHC, ICC and IP assays of bovine alpha-fetoprotein.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	A2N45
Host	Rabbit
Target Species	Bovine
Species Reactivity	Bovine
Specificity	Bovine Alpha-Fetoprotein
Isotype	IgG
Immunogen	Recombinant protein of bovine alpha-fetoprotein
Purification	Protein A Purified
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline, pH 7.4, with 50% Glycerol
Physical State	Liquid

Target Information

Bovine alpha-fetoprotein (AFP) is a glycoprotein primarily produced in the liver and yolk sac during fetal development. It is structurally similar to human AFP and plays a crucial role in transporting various molecules across the fetal environment. This protein serves

as a significant marker for embryonic development and differentiation. Its expression is tightly regulated and can be detected in bovine fetal serum. The unique properties of bovine AFP make it an important target for the development of specific antibodies.

Target	Bovine Alpha-Fetoprotein
Target Synonym	aFP; A-FP; FETA; HPAFP; Alpha-Fetoglobulin; Alpha-1-fetoprotein
Gene ID	506011
UniProt ID	Q3SZ57

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 2 years). 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.