

Rabbit Anti-Porcine Alanine Aminotransferase 1 (GPT) Polyclonal Antibody

Cat. No.: VD11N831

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for porcine alanine aminotransferase 1. It is affinity purified by protein A. It can be applied to WB, IHC and IF/ICC assays of porcine alanine aminotransferase 1.

Specifications

Application	WB; IHC; IF/ICC
Clonality	Polyclonal
Classification	Primary Antibody
Clone	J15N7
Host	Rabbit
Target Species	Porcine
Species Reactivity	Porcine
Specificity	Porcine Alanine Aminotransferase 1
Immunogen	Recombinant protein of alanine aminotransferase 1
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

Porcine alanine aminotransferase 1 (ALT1) is a crucial enzyme involved in the metabolic pathways of amino acids, specifically catalyzing the transfer of an amino group from alanine to α -ketoglutarate to form pyruvate and glutamate. This enzyme plays a significant role in the intermediary metabolism of glucose and amino acids and is a key biomarker for liver injury caused by drug toxicity, infection, alcohol, and steatosis.

Target	Porcine Alanine Aminotransferase 1
Target Synonym	GPT
Gene ID	100524618
UniProt ID	P13191

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.