

Rabbit Anti-Rat Aspartate Aminotransferase (AST) Polyclonal Antibody

Cat. No.: VD2N509

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for rat aspartate aminotransferase. It is purified by Protein A Purified. It can be applied to WB, IHC, ICC and IP assays of rat aspartate aminotransferase.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	Y1N8
Host	Rabbit
Target Species	Rat
Species Reactivity	Rat
Specificity	Rat Aspartate Aminotransferase
Isotype	IgG
Immunogen	Recombinant protein of rat aspartate aminotransferase
Purification	Protein A Purified
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.05% Proclin 300
Buffer	0.01M Phosphate Buffered Saline, pH 7.4, with 50% glycerol
Physical State	Liquid

Target Information

Rat Aspartate Aminotransferase (AST) is an enzyme involved in the transamination of aspartate and α-ketoglutarate, playing a crucial role in amino acid metabolism and energy production. It is found in various tissues, including the liver, heart, and skeletal muscle.

e. AST catalyzes the conversion of aspartate to oxaloacetate, contributing to the citric acid cycle. In rats, this enzyme is essential for maintaining metabolic homeostasis and supporting overall cellular function.

Target	Rat Aspartate Aminotransferase
Target Synonym	cCAT; AAT; ASAT; SGOT; GOT1; Cysteine transaminase, cytoplasmic; Transaminase A; Aspartate Transaminase 1,Cytoplasmic; Glutamic-Oxaloacetic Transaminase 1,Soluble

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.