

Rabbit Anti-Rat Cytochrome P450 2E1 (CYP2E1) Polyclonal Antibody

Cat. No.: VD2N167

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for rat cytochrome P450 2E1. It is affinity purified by protein A. It can be applied to WB, IHC, ICC and IP assays of rat cytochrome P450 2E1.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	A17N11
Host	Rabbit
Target Species	Rat
Species Reactivity	Rat
Specificity	Rat Cytochrome P450 2E1
Isotype	IgG
Immunogen	Recombinant protein of rat cytochrome P450 2E1
Purification	Protein A Purified
Concentration	1 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

Rat Cytochrome P450 2E1 (CYP2E1) is a member of the cytochrome P450 family of enzymes. It is involved in the metabolism of various endogenous and exogenous compounds, including drugs and toxins. CYP2E1 catalyzes the oxidation of substrates, contrib

uting to their detoxification or bioactivation. This enzyme is expressed in the liver and other tissues and plays a crucial role in maintaining metabolic homeostasis. In rats, CYP2E1 is essential for the biotransformation of xenobiotics and the regulation of cellular redox balance.

Target	Rat Cytochrome P450 2E1
Target Synonym	CPE1; CYP1IIE1; P450-J; P450C2E; 4-nitrophenol 2-hydroxylase; Cytochrome P450 Family 2 Subfamily E 1; Cytochrome P450 Subfamily IIE(Ethanol-Inducible)Polypeptide 1
Gene ID	25086
UniProt ID	P05182

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.