

Rabbit Anti-Rat Glutathione S Transferase Pi (GSTp) Polyclonal Antibody

Cat. No.: VD2N922

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

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

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	Y1N421
Host	Rabbit
Target Species	Rat
Species Reactivity	Rat
Specificity	Rat Glutathione S Transferase Pi
Isotype	IgG
Immunogen	Recombinant protein of rat glutathione S transferase Pi
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

Rat Glutathione S-Transferase Pi (GSTP) is a crucial enzyme involved in the detoxification of xenobiotics and the protection against oxidative stress. It catalyzes the conjugation of glutathione to a variety of substrates, including electrophilic compounds and lipid peroxides.

eroxidation products. GSTP is widely expressed in tissues and plays a significant role in maintaining cellular redox balance and defending against chemical insults. Its function is essential for cellular homeostasis and is often implicated in drug resistance and detoxification pathways. As a key component of the antioxidant defense system, GSTP is an important target for studying oxidative stress and related diseases.

Target	Rat Glutathione S Transferase Pi
Target Synonym	GSTP1; GST-P1; DFN7; FAEES3; GST3
Gene ID	24426
UniProt ID	P04906

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.