

Rabbit Anti-Rat Sorbitol Dehydrogenase (SDH) Polyclonal Antibody

Cat. No.: VD2N564

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

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

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	Y1N63
Host	Rabbit
Target Species	Rat
Species Reactivity	Rat
Specificity	Rat Sorbitol Dehydrogenase
Isotype	IgG
Immunogen	Recombinant protein of rat sorbitol dehydrogenase
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 sorbitol dehydrogenase (SDH) is an enzyme involved in the metabolism of polyols, specifically converting sorbitol to fructose. It is expressed in various tissues, including the liver and kidneys, where it plays a crucial role in maintaining glucose homeostasis. S

DH is essential for the polyol pathway, which is involved in the reduction of glucose to sorbitol and its subsequent conversion to fructose. This pathway is particularly important in tissues with high levels of aldose reductase activity.

Target	Rat Sorbitol Dehydrogenase
Target Synonym	SORD; L-iditol 2-dehydrogenase
Gene ID	24788
UniProt ID	P27867

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.