

Rabbit Anti-Rat Caveolin 1 (CAV1) Polyclonal Antibody

Cat. No.: VD1N380

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for rat caveolin 1. It is affinity purified by protein A. It can be applied to WB, IHC, ICC and IP assays of rat caveolin 1.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	A11N29
Host	Rabbit
Target Species	Rat
Species Reactivity	Rat
Specificity	Rat Caveolin 1
Isotype	IgG
Immunogen	Recombinant protein of rat caveolin 1
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 Caveolin 1 is a major structural protein of caveolae, small vesicular invaginations in the plasma membrane. It plays a critical role in regulating cellular processes such as endocytosis, signal transduction, and lipid metabolism. CAV1 stabilizes caveolae and int

eracts with various signaling molecules, influencing pathways related to cell growth, differentiation, and survival. It also participates in the regulation of cholesterol transport and cellular mechanical properties.

Target	Rat Caveolin 1
Target Synonym	VIP21; Caveolae Protein 22kDa
Gene ID	25404
UniProt ID	P41350

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.