

Rabbit Anti-Rat S100 Calcium Binding Protein (S100) Polyclonal Antibody

Cat. No.: VD1N204

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for rat S100 calcium binding protein. It is affinity purified by protein A. It can be applied to WB, IHC, ICC and IP assays of rat S100 calcium binding protein.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	A3N62
Host	Rabbit
Target Species	Rat
Species Reactivity	Rat
Specificity	Rat S100 Calcium Binding Protein
Isotype	IgG
Immunogen	Recombinant protein of rat S100 calcium binding protein
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 S100 Calcium-Binding Protein is a family of small acidic proteins that bind calcium and zinc ions. These proteins are involved in various cellular processes, including regulation of cell cycle progression, differentiation, and apoptosis. S100 proteins interact with

h target molecules to modulate their activity, influencing cytoskeletal dynamics, enzyme activity, and intracellular signaling pathways. They are expressed in a wide range of tissues and play crucial roles in maintaining cellular homeostasis.

Target	Rat S100 Calcium Binding Protein
Target Synonym	S100-A1; S100A1; S100-Alpha; S-100 Protein; S-100 protein subunit alpha; S-100 protein alpha chain

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.