

Rabbit Anti-Rat Neprilysin (CD10) Polyclonal Antibody

Cat. No.: VD3N290

Product Type: Veterinary Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

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

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	C1N41
Host	Rabbit
Target Species	Rat
Species Reactivity	Rat
Specificity	Rat Neprilysin
Isotype	IgG
Immunogen	Recombinant protein of rat neprilysin
Purification	Purified by Protein A
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 Neprilysin is a membrane-bound metalloendopeptidase that degrades a variety of peptides, including enkephalins and angiotensin II. It plays a crucial role in regulating peptide levels in the brain and peripheral tissues, influencing processes such as pain per

ception and blood pressure regulation. Neprilysin is highly expressed in neurons and endothelial cells, where it helps maintain peptide homeostasis. Targeting Neprilysin with specific antibodies allows for detailed investigation of its role in peptide metabolism and its potential involvement in neurological and cardiovascular conditions.

Target	Rat Neprilysin
Target Synonym	NEP; MME; CALLA; SFE; Atriopeptidase
Gene ID	24590
UniProt ID	P07861

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.