

Rabbit Anti-Rat Kidney Injury Molecule 1 (KIM-1) Polyclonal Antibody

Cat. No.: VD2N100

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

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

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	A16N7
Host	Rabbit
Target Species	Rat
Species Reactivity	Rat
Specificity	Rat Kidney Injury Molecule 1
Isotype	IgG
Immunogen	Recombinant protein of rat kidney injury molecule 1
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 kidney injury molecule 1 (KIM-1) is a type I transmembrane protein highly expressed in the proximal tubules of the kidney. It is upregulated in response to acute kidney injury and serves as a biomarker for renal damage. KIM-1 plays a role in the repair and re

generation of renal tubular cells following injury. Its expression is associated with cellular stress and the initiation of repair processes. As a key indicator of kidney injury, KIM-1 is an important target for studying renal pathology, monitoring kidney disease progression, and developing therapeutic strategies to promote renal recovery.

Target	Rat Kidney Injury Molecule 1
Target Synonym	HAVCR1; TIM1; TIMD1; HAVCR; Hepatitis A Virus Cellular Receptor 1; T Cell Immunoglobulin and Mucin Domain-Containing Protein 1; T-cell immunoglobulin mucin receptor 1
Gene ID	286934
UniProt ID	O54947

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.