

Rabbit Anti-Canine Kidney Injury Molecule 1 (Kim1) Polyclonal Antibody

Cat. No.: VD3N102

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

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

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	Y1N600
Host	Rabbit
Target Species	Canine
Species Reactivity	Canine
Specificity	Canine Kidney Injury Molecule 1
Isotype	IgG
Immunogen	Recombinant protein of canine kidney injury molecule 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

Canine Kidney Injury Molecule 1 (KIM-1) is a type I transmembrane glycoprotein expressed on the apical surface of injured proximal tubular epithelial cells. It functions as a scavenger receptor, mediating the phagocytosis of apoptotic bodies and limiting inflammation.

tory damage during renal repair. Up-regulated within hours of ischemic or toxic insult, KIM-1 is a sensitive, tissue-specific biomarker of acute kidney injury. As a key indicator of tubular damage and regeneration, it is an important target for studies of nephrotoxicity and renal disease in dogs.

Target	Canine 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

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.