

TIM-1/KIM-1/HAVCR Polyclonal Antibody(Capture/Detector)

catalog number: AN001030P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

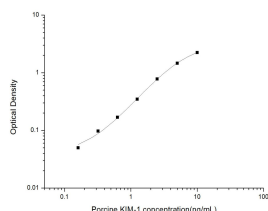
Description

Reactivity	pig
Immunogen	Recombinant Pig TIM-1/KIM-1/HAVCR protein expressed by Mammalian
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications Recommended Dilution

ELISA Capture	2-8 µg/mL
ELISA Detector	0.1-0.4 µg/mL

Data



Sandwich ELISA-Recombinant Pig TIM-1/KIM-1/HAVCR protein standard curve. Background subtracted standard curve using TIM-1/KIM-1/HAVCR antibody(AN001030P) (Capture), TIM-1/KIM-1/HAVCR antibody(AN001030P) (Detector) in sandwich ELISA. The reference range value for Recombinant Pig TIM-1/KIM-1/HAVCR protein is 0.16-10 ng/mL.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

HAV cellular receptor 1 (HAVCR1), also known as Kidney injury molecule 1 (KIM-1) and T cell immunoglobulin mucin 1 (TIM-1), is a type of integral membrane glycoprotein. KIM-1 protein is widely expressed with the highest levels in the kidney and testis. It has been shown to play a major role as a human susceptibility gene for asthma, allergy, and autoimmunity. IgA1 lambda is a specific ligand of KIM-1 protein and that their association has a synergistic effect in virus-receptor interactions. KIM-1 involves in the pathogenesis of acute kidney injury. It had been confirmed that KIM-1 is a human urinary renal dysfunction biomarker. Moreover, KIM-1 protein is a novel regulatory molecule of flow-induced calcium signaling.

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