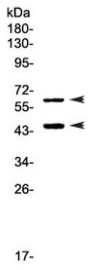
TIM-3 Polyclonal Antibody / HAVCR2 (RQ4354)

Catalog No.	Formulation	Size
RQ4354	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q8TDQ0
Localization	Membrane, cell junction
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This TIM-3 Polyclonal Antibody is available for research use only.



Western blot testing of human Raji cell lysate with TIM-3 Polyclonal Antibody at 0.5ug/ml. Expected molecular weight: 33-70 kDa depending on glycosylation level.

Description

Hepatitis A virus cellular receptor 2 (HAVCR2), also known as T-cell immunoglobulin and mucin-domain containing-3 (TIM-3), is a protein that in humans is encoded by the HAVCR2 gene. The protein encoded by this gene belongs to the immunoglobulin superfamily, and TIM family of proteins. CD4-positive T helper lymphocytes can be divided into types 1 (Th1) and 2 (Th2) on the basis of their cytokine secretion patterns. Th1 cells are involved in cell-mediated immunity to

intracellular pathogens and delayed-type hypersensitivity reactions, whereas, Th2 cells are involved in the control of extracellular helminthic infections and the promotion of atopic and allergic diseases. This protein is a Th1-specific cell surface protein that regulates macrophage activation, and inhibits Th1-mediated auto- and alloimmune responses, and promotes immunological tolerance.

Explore our TIM-3 antibody for additional research into immune checkpoint regulation, lymphocyte differentiation and antitumor immune responses.

Application Notes

Optimal dilution of the TIM-3 Polyclonal Antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids S22-G202 was used as the immunogen for the TIM-3 antibody.

Storage

After reconstitution, the TIM-3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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