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# anti-TIM3 antibody (AA 167-194)

3 Images

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**Publications** 



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Overview	
Quantity:	400 μL
Target:	TIM3 (TIM 3)
Binding Specificity:	AA 167-194
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIM3 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This HAVCR2 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 167-194 amino acids from the Central region of human HAVCR2.
Clone:	RB41963
Isotype:	Ig Fraction

### **Target Details**

Purification:

Target:	TIM3 (TIM 3)	
Alternative Name:	HAVCR2 (TIM 3 Products)	
Target Type:	Virus	

This antibody is purified through a protein A column, followed by peptide affinity purification.

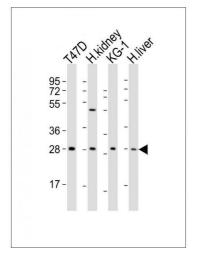
## **Target Details**

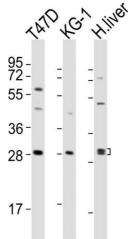
Background:	CD4 (MIM 186940)-positive T helper lymphocytes can be divided into types 1 (Th1) and 2 (Th2)			
	on the basis of their cytokine secretion patterns. Th1 cells and their associated cytokines are			
	involved in cell-mediated immunity to intracellular pathogens and delayed-type hypersensitivity			
	reactions, whereas Th2 cells are involved in the control of extracellular helminthic infections			
	and the promotion of atopic and allergic diseases. The 2 types of cells also cross-regulate the			
	functions of the other. TIM3 is a Th1-specific cell surface protein that regulates macrophage			
	activation and enhances the severity of experimental autoimmune encephalomyelitis in mice.			
Molecular Weight:	33394			
NCBI Accession:	NP_116171			
UniProt:	Q8TDQ0			
Pathways:	Regulation of Lipid Metabolism by PPARalpha, Cancer Immune Checkpoints			
Application Details				
Application Notes:	WB: 1:2000. WB: 1:2000. WB: 1:1000			
Restrictions:	For Research Use only			
Handling				
Format:	Liquid			
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.			
Preservative:	Sodium azide			
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which			
	should be handled by trained staff only.			
Storage:	4 °C,-20 °C			
Expiry Date:	6 months			
Publications				
Product cited in:	Si, Ali, Latip, Fauzi, Budin, Zainalabidin: "Roselle is cardioprotective in diet-induced obesity rat			
	model with myocardial infarction." in: <b>Life sciences</b> , Vol. 191, pp. 157-165, (2017) (PubMed).			
	Yida, Imam, Ismail, Ooi, Sarega, Azmi, Ismail, Chan, Hou, Yusuf: "Edible Bird's Nest Prevents			

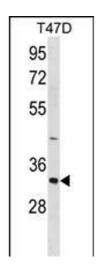
High Fat Diet-Induced Insulin Resistance in Rats." in: Journal of diabetes research, Vol. 2015,

pp. 760535, (2016) (PubMed).

#### **Images**







#### **Western Blotting**

Image 1. All lanes: Anti-HAVCR2 Antibody (Center) at 1:2000 dilution Lane 1: T47D whole cell lysates Lane 2: human kidney lysates Lane 3: KG-1 whole cell lysates Lane 4: human liver lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size: 33 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

#### **Western Blotting**

Image 2. All lanes: Anti-HAVCR2 Antibody (Center) at 1:2000 dilution Lane 1: T47D whole cell lysates Lane 2: KG-1 whole cell lysates Lane 3: human liver lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size: 33 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

#### **Western Blotting**

**Image 3.** HAVCR2 Antibody (Center) (ABIN1881402 and ABIN2838913) western blot analysis in T47D cell line lysates (35  $\mu$ g/lane).This demonstrates the HAVCR2 antibody detected the HAVCR2 protein (arrow).