

Datasheet for ABIN2782255
anti-TIM3 antibody (N-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	TIM3 (TIM 3)
Binding Specificity:	N-Term
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIM3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HAVCR2
Sequence:	MFSHLPFDCV LLLLLLLLTR SSEVEYRAEV GQNAYLPCFY TPAAPGNLVP
Predicted Reactivity:	Dog: 79%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against HAVCR2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TIM3 (TIM 3)
---------	--------------

Target Details

Alternative Name:	HAVCR2 (TIM 3 Products)
Target Type:	Virus
Background:	HAVCR2 regulates macrophage activation. HAVCR2 inhibits T-helper type 1 lymphocyte (Th1)-mediated auto- and alloimmune responses and promotes immunological tolerance. HAVCR2 may be also involved in T-cell homing. HAVCR2 is the receptor for LGALS9.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.[supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. Alias Symbols: FLJ14428, KIM-3, TIM3, TIMD3, Tim-3, TIMD-3, HAVcr-2 Protein Interaction Partner: BAG6, LCK, APP, HAVCR2, Protein Size: 301
Molecular Weight:	33 kDa
Gene ID:	84868
NCBI Accession:	NM_032782 , NP_116171
UniProt:	Q8TDQ0
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Cancer Immune Checkpoints

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 301 AA
Restrictions:	For Research Use only

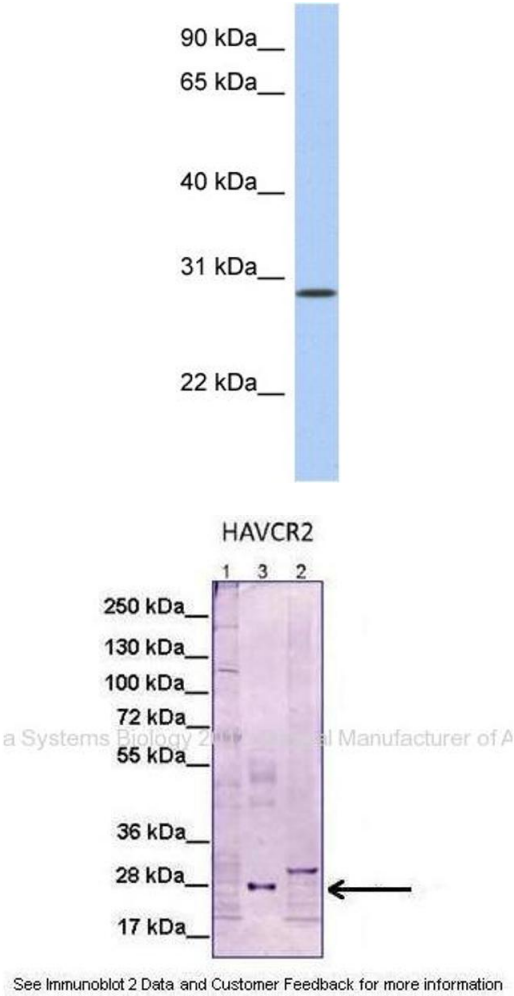
Handling

Format:	Liquid
Concentration:	Lot specific

Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-HAVCR2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: OVCAR-3 cell lysate

Western Blotting

Image 2. Researcher: Dr. Maria de Lourdes Munoz, Department of Genetics and Molecular Biology Application: Western blotting Species + Tissue/Cell type: Aedes albopictus c6/36 cells, Aedes aegypti midguts, human WBC How many ug's of tissue/cell lysate run on the gel: 1. 10 ug Aedes albopictus c6/36 cell lysate 2. 10 ug Aedes aegypti midgut lysate 3. 10 ug human white blood cell lysate Primary antibody dilution: 1:1000 Secondary antibody: Goat Anti-Rabbit HRP Secondary antibody dilution: 1:5000