

Rabbit anti-Human TIM 1 Polyclonal Antibody | anti-HAVCR1 antibody

Anti-TIM 1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45124	Rabbit	Human	Immunohistochemistry, Western Blot

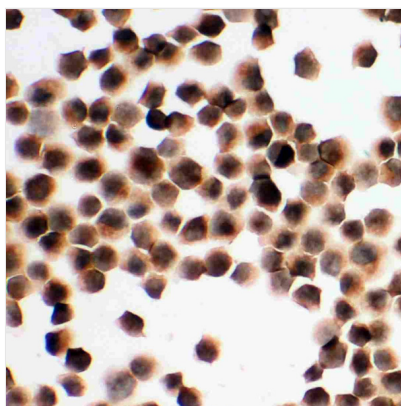
PRODUCT SYNONYMS

TIM 1; Polyclonal Antibody; Anti-TIM 1 antibody; Hepatitis A virus cellular receptor 1(HAVcr-1); hepatitis A virus cellular receptor 1; HAVCR 1 antibody; HAVcr-1 antibody; HAVCR1 antibody; Hepatitis A virus cellular receptor 1 antibody; Kidney injury molecule 1 antibody; KIM 1 antibody; KIM-1 antibody; T cell immunoglobulin domain and mucin domain protein 1 antibody; T-cell immunoglobulin and mucin domain-containing protein 1 antibody; T-cell membrane protein 1 antibody; TIM antibody; TIM-1 antibody; TIM1 antibody; TIMD 1 antibody; TIMD-1 antibody; TIMD1 antibody; TIMD1_HUMAN antibody; anti-HAVCR1 antibody

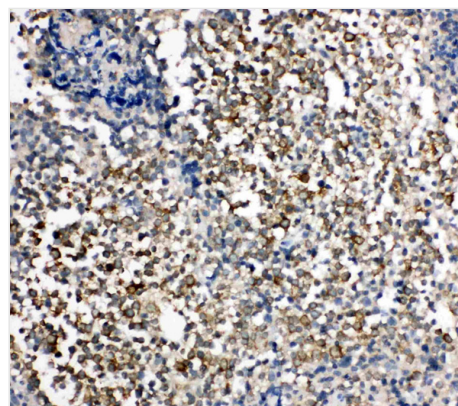
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	359
Applicable Applications for anti-HAVCR1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human TIM 1 (332-348aa IKALQNAVEKEVQAEDN).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

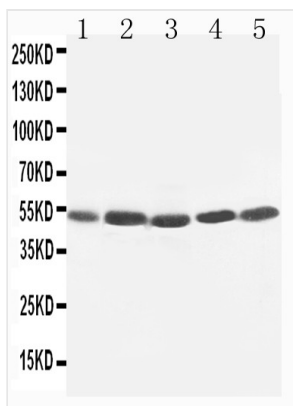
IMAGES



ICC (Immunocytochemistry)
Anti-TIM 1 antibody, AAA45124, ICCICC: K562 Cell



IHC (Immunohistochemistry)
Anti-TIM 1 antibody, AAA45124, IHC(P)IHC(P): Human Tonsil Tissue



WB (Western Blot)

Anti-TIM 1 antibody, AAA45124, Western blotting
 Lane 1: SMMC Cell Lysate
 Lane 2: HELA Cell Lysate
 Lane 3: PANC Cell Lysate
 Lane 4: M231 Cell Lysate
 Lane 5: M453 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-HAVCR1 antibody

Description: Rabbit IgG polyclonal antibody for Hepatitis A virus cellular receptor 1(HAVCR1) detection. Tested with WB, IHC-P in Human.

Background: KIM1(KIDNEY INJURY MOLECULE 1), also known as HAVCR1, HAVCR or TIM1, is a protein that in humans is encoded by the KIM1 gene. The KIM1 gene is mapped to 5q33.3. Biochemical, mutational, and cell adhesion analyses confirm that Tim1 is capable of homophilic Tim-Tim interactions. The features identified in murine KIM1 is conserved in human KIM1. The KIM1 protein is indeed a receptor for the virus through the infection of canine osteogenic sarcoma cells expressing HAVCR1 with HAV. Using a monoclonal antibody to mouse Tim1, Tim1 is expressed after activation of naive T cells and on T cells differentiated in Th2-polarizing conditions. Ectopic expression of KIM1 during mouse T-cell differentiation leads to production of the Th2-type cytokine Il4, but not the Th1-type cytokine Ifng. KIM1-expressing epithelial cells internalized apoptotic bodies, and Kim1 is directly responsible for phagocytosis in cultured primary rat tubule epithelial cells and in porcine and canine epithelial cell lines.

NCBI AND UNIPROT INFORMATION

NCBI GI #	73919877
NCBI GeneID	26762
UniProt Accession #	Q96D42; O43656
Molecular Weight	38,720 Da
NCBI Official Full Name	Hepatitis A virus cellular receptor 1
NCBI Official Synonym Full Names	hepatitis A virus cellular receptor 1
NCBI Official Symbol	HAVCR1
NCBI Official Synonym Symbols	TIM; KIM1; TIM1; HAVCR; KIM-1; TIM-1; TIMD1; TIMD-1; HAVCR-1
NCBI Protein Information	hepatitis A virus cellular receptor 1; kidney injury molecule 1; T-cell membrane protein 1; T-cell immunoglobulin mucin receptor 1; T-cell immunoglobulin mucin family member 1; T cell immunoglobulin domain and mucin domain protein 1
UniProt Protein Name	Hepatitis A virus cellular receptor 1
UniProt Gene Name	HAVCR1
UniProt Synonym Gene Names	KIM1; TIM1; TIMD1; HAVcr-1; KIM-1; TIMD-1; TIM; TIM-1
UniProt Entry Name	HAVR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

