

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

TIM-1 Antibody

CATALOG # AAA39533	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Western Blot, ELISA
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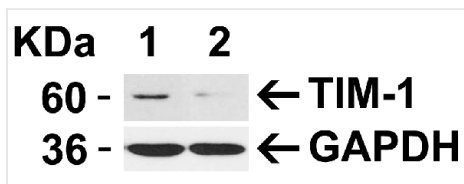
PRODUCT SYNONYMS

TIM-1; Polyclonal Antibody; TIM-1 Antibody; TIM; KIM1; TIM1; HAVCR; KIM-1; TIMD1; TIMD-1; HAVCR-1; Hepatitis A virus cellular receptor 1; Kidney injury molecule 1; HAVcr-1; hepatitis A virus cellular receptor 1; anti-HAVCR1 antibody

PRODUCT SPECIFICATIONS

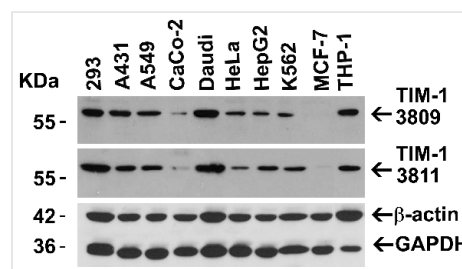
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	TIM-1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	364
Applicable Applications for anti-HAVCR1 antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TIM-1 antibody was raised against a 16 amino acid synthetic peptide from near the center of human TIM-1.
Buffer	TIM-1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TIM-1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



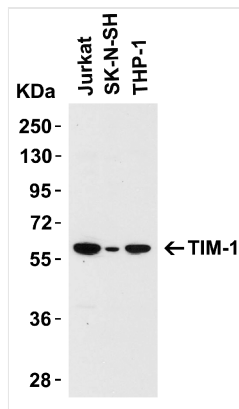
WB (Western Blot)

Figure 3 Validation with TIM-1 siRNA Knockdown: HeLa cells were transfected with control siRNAs (lane 1) or TIM-1 siRNAs (lane 2). Loading: 15 µg of HeLa whole cell lysates per lane. Antibodies: 3811 (1 µg/mL), 1 h incubation at RT in 5% NFD/MTBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



WB (Western Blot)

Figure 2 Independent Antibody Validation (IAV) via Protein Expression Profile in Cell Lines: Loading: 15 µg of lysates per lane. Antibodies: TIM-1 3809 (8 µg/mL), TIM-1 3811 (1 µg/mL), β-actin (1 µg/mL), and GAPDH (0.02 µg/mL), overnight incubation at 4°C (3809) or 1h incubation at RT in 5% NFD/MTBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



WB (Western Blot)

Figure 1 Western Blot Validation in Human Cell Lines Loading: 15 μg of lysates per lane. Antibodies: TIM-1 3811 (1 μg /mL), 1 h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-HAVCR1 antibody

TIM-1 Antibody: The human form of TIM-1 was initially discovered as a membrane glycoprotein through which the hepatitis A virus can gain entry into a cell. It was also identified as kidney injury molecule 1 (Kim-1), a predicted adhesion molecule that is upregulated on the surfaces of kidney epithelia. It is also expressed on T helper 2 (Th2) cells of the immune system, and following the binding of its natural ligand TIM-4, stimulates T cell expansion and cytokine production in response to viral challenge. It has been suggested that hyperactivation of TIM-1 leads to an increased level of Th2 responsiveness and asthma susceptibility, and antibodies to TIM-1 may therefore be a novel approach to treating asthma.

NCBI AND UNIPROT INFORMATION

NCBI GI #	153085427
NCBI GeneID	26762
NCBI Accession #	NP_036338
NCBI GenBank Nucleotide #	NM_012206.2
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.

