

Rabbit HAVCR1 / KIM-1 Polyclonal Antibody | anti-HAVCR1 antibody

Rabbit Polyclonal (IgG) to Human HAVCR1 / KIM-1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50844	Rabbit	Human, Mouse Predicted Reactivity: Gorilla, Monkey (at least 90% immunogen sequence identity)	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

HAVCR1 / KIM-1; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human HAVCR1 / KIM-1; Anti-HAVCR1 / KIM-1 Antibody (aa200-300) IHC-plus; HAVCR1; HAVCR-1; KIM-1; Kidney injury molecule 1; KIM1; T-cell membrane protein 1; TIM1; TIMD1; TIM-1; HAVCR; TIMD-1; Human HAVCR1; anti-HAVCR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted Reactivity: Gorilla, Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Isotype	IgG
Specificity	A portion of amino acids 200-300 of human HAVCR1 protein was used as the immunogen.
Purity/Purification	Protein G Purified
Form/Format	PBS, 0.05% BSA, 0.05% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	364
Applicable Applications for anti-HAVCR1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	A synthetic peptide (SPLYSYTTDGNDTVT) of human HAVCR1/TIM-1 protein were used as immunogen. This sequence corresponds to amino acids (aa) 248-262 of NP_036338 and aa 84-98 of EAW61615.1. Isoforms of HAVCR1/TIM-1 have been described.
Immunogen Type	Synthetic peptide
Immunogen	HAVCR1 / KIM-1 antibody was raised against a synthetic peptide (SPLYSYTTDGNDTVT) of human HAVCR1/TIM-1 protein were used as immunogen. This sequence corresponds to amino acids (aa) 248-262 of NP_036338 and aa 84-98 of EAW61615.1. Isoforms of HAVCR1/TIM-1 have been described. For example, NP_036338 is 364 aa and EAW61615.1 is 194 aa. EAW61615.1 is referred to as isoform CRA_a. Percent identity by BLAST analysis: Human, Gorilla (100%); Monkey (93%); Dog (80%).
Antigen Modification	aa200-300
Preparation and Storage	Store at 4 degree C for short term applications. For long term storage, aliquot and store at -20 degree C.

IMAGES



WB (Western Blot)
Western blot of HAVCR1/TIM-1 in human brain lysate in the A) absence and B) presence of immunizing peptide, and C) mouse brain lysate.



IHC (Immunohistochemistry)
Anti-TIM-1 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-HAVCR1 antibody	Hepatitis A Virus Cellular Receptor 1 (HAVCR1) is a membrane receptor for both human hepatitis A virus (HHAV) and TIMD4. HAVCR1 may be involved in the moderation of asthma and allergic diseases. The reference genome represents an allele that retains a MTTVP amino acid segment that confers protection against atopy in HHAV seropositive individuals.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153085427
NCBI GeneID	26762
NCBI Accession #	NP_036338.2
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/havcr1-kim-1-antibody-western-blot-immunohistochemistry-elisa/50844>