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

HAVCR1/KIM-1 Rabbit anti-Human Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA163001	**Rabbit**	**Human**	**Immunohistochemistry**

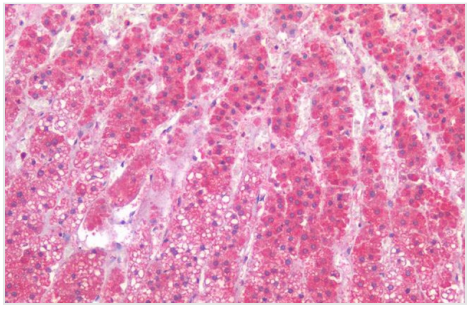
PRODUCT SYNONYMS

HAVCR1/KIM-1; Polyclonal Antibody; HAVCR1/KIM-1 Rabbit anti-Human Polyclonal Antibody; PathPlus HAVCR1/KIM-1 Antibody; HAVCR1; HAVCR-1; KIM-1; Kidney injury molecule 1; KIM1; T-cell membrane protein 1; TIM1; TIMD1; TIM-1; HAVCR; TIMD-1; CD365; anti-HAVCR1 antibody

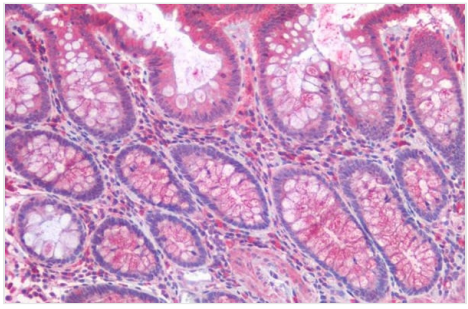
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-HAVCR1 antibody	IHC (Immunohistochemistry)
Target	Human HAVCR1/KIM-1
Immunogen	LP-10954, synthetic peptide
Conjugation	Unconjugated
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

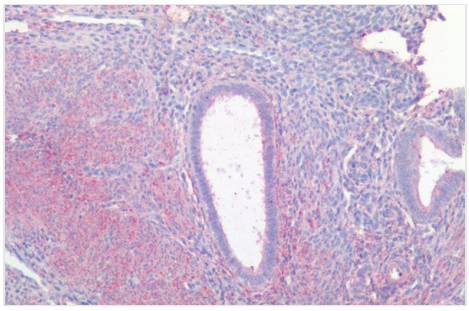
IMAGES



IHC (Immunohistochemisry)
HAVCR1/KIM-1 Antibody-Human Adrenal: Formalin-Fixed, Paraffin-Embedded (FFPE



IHC (Immunohiostchemistry)
HAVCR1/KIM-1 Antibody-Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE



IHC (Immunohistochemistry)
HAVCR1/KIM-1 Antibody-Human Uterus: Formalin-Fixed, Paraffin-Embedded (FFPE

ADDITIONAL INFORMATION

Related Product Information for anti-HAVCR1 antibody	KIM-1 antibody is an unconjugated rabbit polyclonal antibody to KIM-1 (HAVCR1) from human. Validated for IHC. HAVCR1 (KIM-1, TIM-1, CD365) is a member of the TIM family, with functional roles in asthma, transplant tolerance, allergic response and regulating immune cell activities. HAVCR1 is located on the surface of Type 2 helper T cells cells and is capable of activating T-cells and blocking peripheral tolerance. It is highly upregulated in injured kidneys. Additionally, it is a receptor for Hepatitis A virus, Ebola and Dengue virus. It is potentially a useful prognostic marker for renal cell, gastric and other cancers, where upregulation is correlated with progression and is linked to angiogenesis and proliferation during tumorigenesis. In immunohistochemistry of normal tissue, HAVCR1 has cytoplasmic and membranous positivity in glandular epithelia of various tissues, with prominent expression in the kidney and gastrointestinal tract.
References	Cancer Res. 2014 Mar 1;74(5):1416-28, PMID: 24390735; PLoS One. 2018 Nov 2;13(11):e0206423, PMID: 30388143; J Virol. 2018 Apr 13;92(9). pii: e02065-17, PMID: 29437974; Arch Pathol Lab Med. 2014 Dec;138(12):1643-65, PMID: 25427043

NCBI AND UNIPROT INFORMATION

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