

HAVCR1 / KIM-1 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS12135**Specification**

HAVCR1 / KIM-1 Antibody (N-Terminus) - Product Information

Application	IHC, IF
Primary Accession	O96D42
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39kDa KDa

HAVCR1 / KIM-1 Antibody (N-Terminus) - Additional Information**Gene ID** 26762**Other Names**

Hepatitis A virus cellular receptor 1, HAVcr-1, Kidney injury molecule 1, KIM-1, T-cell immunoglobulin and mucin domain-containing protein 1, TIMD-1, T-cell immunoglobulin mucin receptor 1, TIM, TIM-1, T-cell membrane protein 1, HAVCR1, KIM1, TIM1, TIMD1

Target/Specificity

16 amino acid peptide from near the amino terminus of human TIM-1

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

HAVCR1 / KIM-1 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

HAVCR1 / KIM-1 Antibody (N-Terminus) - Protein Information**Name** HAVCR1**Synonyms** KIM1, TIM1, TIMD1**Function**

Phosphatidylserine receptor that plays an important functional role in regulatory B-cells homeostasis including generation, expansion and suppressor functions (By similarity). As P-selectin/SELPLG ligand, plays a specialized role in activated but not naive T-cell trafficking during inflammatory responses (PubMed:24703780). Controls thereby T-cell accumulation in the inflamed central nervous system (CNS) and the induction of autoimmune disease (PubMed:24703780). Regulates also expression of various anti-inflammatory cytokines and co-inhibitory ligands including IL10 (By similarity). Acts as a regulator of T-cell proliferation (By similarity). May play a role in kidney injury

and repair (PubMed:17471468).

Cellular Location

Cell membrane; Single-pass type I membrane protein

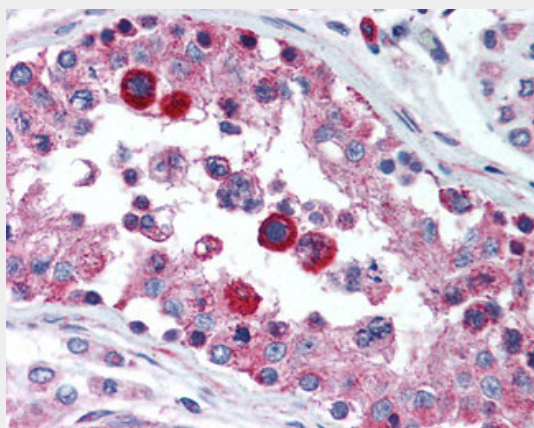
Tissue Location

Widely expressed, with highest levels in kidney and testis. Expressed by activated CD4+ T-cells during the development of helper T-cells responses.

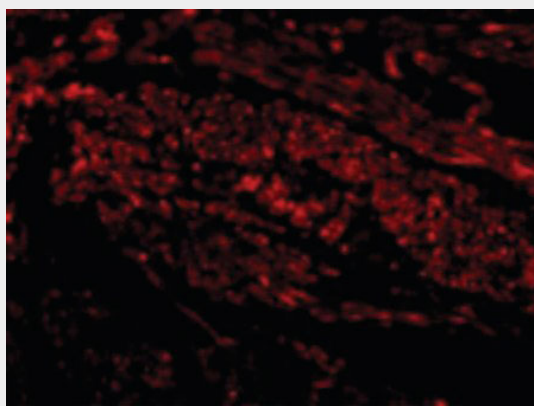
HAVCR1 / KIM-1 Antibody (N-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HAVCR1 / KIM-1 Antibody (N-Terminus) - Images

Anti-TIM-1 antibody IHC of human testis.



Immunofluorescence of TIM-1 in Human Uterus cells with TIM-1 antibody at 20 ug/ml.

HAVCR1 / KIM-1 Antibody (N-Terminus) - Background

May play a role in T-helper cell development and the regulation of asthma and allergic diseases. Receptor for TIMD4 (By similarity). In case of human hepatitis A virus (HHAV) infection, functions as a cell-surface receptor for the virus. May play a role in kidney injury and repair.

HAVCR1 / KIM-1 Antibody (N-Terminus) - References

Feigelstock D.,et al.J. Virol. 72:6621-6628(1998).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Schmutz J.,et al.Nature 431:268-274(2004).
Tami C.,et al.J. Virol. 81:3437-3446(2007).
van Timmeren M.M.,et al.J. Pathol. 212:209-217(2007).