

TIM-1 Polyclonal Antibody

Catalog # AP74071

Specification

TIM-1 Polyclonal Antibody - Product Information

Application WB
Primary Accession Q96D42
Reactivity Human
Host Rabbit
Clonality Polyclonal

TIM-1 Polyclonal Antibody - 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 membrane protein 1) (TIM-1) (TIM)

Dilution

WB~~WB 1:500-2000, ELISA 1:10000-20000

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

TIM-1 Polyclonal Antibody - 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). Also regulates 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).





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Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

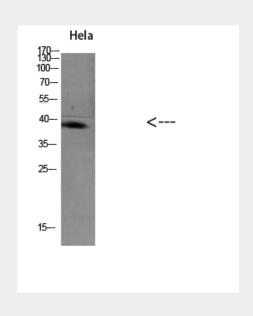
Widely expressed, with highest levels in kidney and testis. Expressed by activated CD4+ T-cells during the development of helper T-cells responses.

TIM-1 Polyclonal Antibody - Protocols

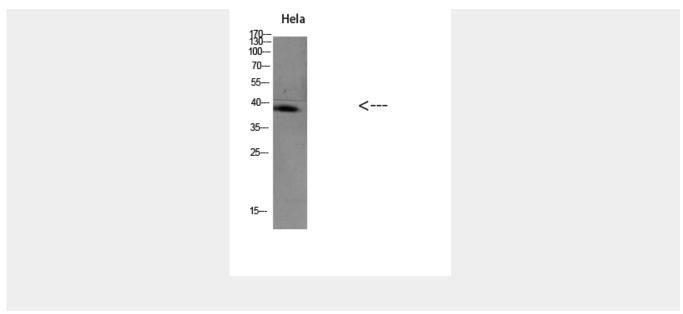
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TIM-1 Polyclonal Antibody - Images







TIM-1 Polyclonal Antibody - Background

May play a role in T-helper cell development and the regulation of asthma and allergic diseases. Receptor for TIMD4 (By similarity). May play a role in kidney injury and repair.