10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Goat Anti-TIM-1 Antibody (internal region)

Purified Goat Polyclonal Antibody
Catalog # AF4230a

Specification

Goat Anti-TIM-1 Antibody (internal region) - Product Information

Application	**WB, E**
Primary Accession	Q96D42
Reactivity	**Human**
Predicted	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5**
Calculated MW	**39250**

Goat Anti-TIM-1 Antibody (internal region) - Additional Information

Gene ID 26762

Other Names
HAVCR1; hepatitis A virus cellular receptor 1; HAVCR; HAVCR-1; KIM-1; KIM1; TIM; TIM-1; TIM1; TIMD-1; TIMD1; OTTHUMP00000224005; OTTHUMP00000224052; OTTHUMP00000224053; T cell immunoglobin domain and mucin domain protein 1; T-cell membrane protein 1; kidney injury molecule 1

Dilution
WB~~1:1000
E~~N/A

Format
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Immunogen
Peptide with sequence C-THVTYRKDTRYK, from the internal region of the protein sequence according to NP_036338.2.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Goat Anti-TIM-1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-TIM-1 Antibody (internal region) - 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).

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.

Goat Anti-TIM-1 Antibody (internal region) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat Anti-TIM-1 Antibody (internal region) - Images

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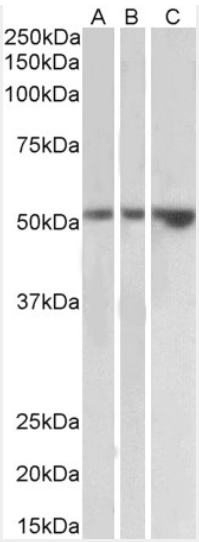

AF4230a (2 µg/ml) staining of Kidney (A), Testis (B) and Uterus (C) lysates (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-TIM-1 Antibody (internal region) - References

T-cell immunoglobulin and mucin domain 1 (TIM-1) is a receptor for Zaire Ebolavirus and Lake Victoria Marburgvirus. Kondratowicz AS, Lennemann NJ, Sinn PL, Davey RA, Hunt CL, Moller-Tank S, Meyerholz DK, Rennert P, Mullins RF, Brindley M, Sandersfeld LM, Quinn K, Weller M, McCray PB Jr, Chiorini J, Maury W. Proc Natl Acad Sci U S A. 2011 May 17;108(20):8426-31.