

Product datasheet

Anti-TIM 1 antibody ab78494

★★★★★ [2 Abreviews](#) [10 References](#) [3 Images](#)

Overview

Product name	Anti-TIM 1 antibody
Description	Rabbit polyclonal to TIM 1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide, corresponding to a portion of the amino acids 200-300 of Human TIM 1
Positive control	Testis tissue
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.05% Sodium azide Constituents: 0.05% BSA, PBS
Purity	Protein G purified
Clonality	Polyclonal
Isotype	IgG

Applications

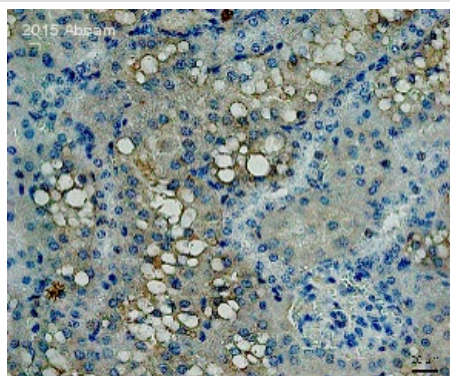
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab78494 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★☆☆☆☆ (1)	Use a concentration of 1 - 3 µg/ml. Predicted molecular weight: 39 kDa.
IHC-P	★★★★★ (1)	Use a concentration of 2.5 - 5 µg/ml.

Target

Function	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.
Tissue specificity	Widely expressed, with highest levels in kidney and testis. Expressed by activated CD4+ T-cells during the development of helper T-cells responses.
Sequence similarities	Belongs to the immunoglobulin superfamily. TIM family. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Cellular localization	Membrane.

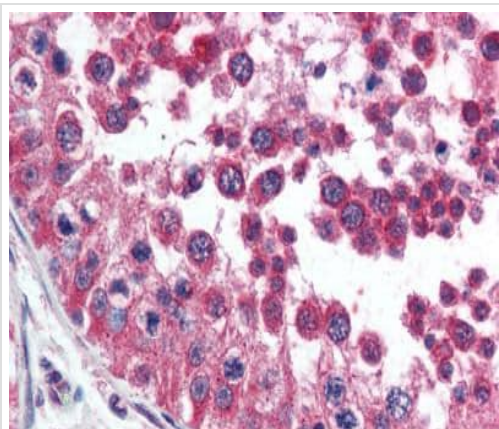
Images



Immunohistochemical analysis of Formaldehyde-fixed murine obese nephric tissue sections, labelling TIM 1 with ab78494 at a dilution of 1/2500 incubated for 12 hours at 4°C in PBS and 2.5% Horse serum. Heat mediated antigen retrieval was with Citrate buffer. Blocking was with 2.5% horse serum incubated for 1 hour at 25°C. Secondary was a horse anti-rabbit polyclonal HRP conjugate used undiluted. Counterstaining against nuclear DNA was with DAPI.

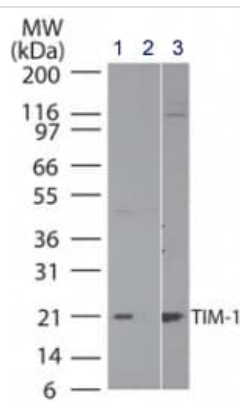
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TIM 1 antibody (ab78494)

Image is courtesy of an anonymous AbReview.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TIM 1 antibody (ab78494)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human testis tissue, staining TIM 1 with ab78494 at 5 µg/ml.



Western blot - Anti-TIM 1 antibody (ab78494)

All lanes : Anti-TIM 1 antibody (ab78494) at 3 µg/ml

Lane 1 : Human brain lysate

Lane 2 : Human brain lysate in presence of immunizing peptide

Lane 3 : Mouse brain lysate

Predicted band size: 39 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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