

TIM3 Polyclonal Antibody

Catalog No: #28301

Package Size: #28301-1 50ul #28301-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

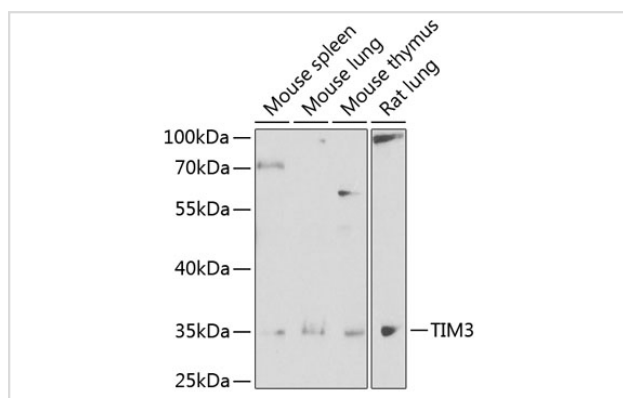
Description

Product Name	TIM3 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human;Mouse;Rat
Immunogen Description	Recombinant fusion protein of human TIM3 (NP_116171.3).
Conjugates	Unconjugated
Other Names	HAVCR2; CD366; HAVcr-2; KIM-3; TIM3; TIMD-3; TIMD3; Tim-3; hepatitis A virus cellular receptor 2
Accession No.	Swiss-Prot#:Q8TDQ0NCBI Gene ID:84868
Calculated MW	33kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using TIM3 antibody.

Background

The protein encoded by this gene belongs to the immunoglobulin superfamily, and TIM family of proteins. CD4-positive T helper lymphocytes can be divided into types 1 (Th1) and 2 (Th2) on the basis of their cytokine secretion patterns. Th1 cells are involved in cell-mediated immunity to intracellular pathogens and delayed-type hypersensitivity reactions, whereas, Th2 cells are involved in the control of extracellular helminthic infections and the promotion of atopic and allergic diseases. This protein is a Th1-specific cell surface protein that regulates macrophage activation, and inhibits Th1-mediated auto- and alloimmune responses, and promotes immunological tolerance.

Published Papers

el at., Tumor-associated macrophages promoting PD-L1 expression in infiltrating B cells through the CXCL12/CXCR4 axis in human hepatocellular carcinoma. In Am J Cancer Res on 2024 Feb 15 by Sen-Lin Lian, Yun-Tao Lu,et al..PMID:38455420, , (2024)
PMID:38455420

Yang Xiaochen;Tao Yukai;Xu Yan;Cai Weili;Shao Qixiang el at., SLC35A2 expression drives breast cancer progression via ERK pathway activation, , (2023)
PMID:

Note: This product is for in vitro research use only and is not intended for use in humans or animals.