

Rabbit anti-Mouse, Rat TIM-1 Polyclonal Antibody | anti-TIM-1 antibody

RABBIT ANTI TIM-1

CATALOG # AAA49934	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Western Blot
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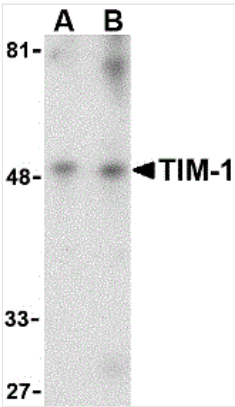
PRODUCT SYNONYMS

TIM-1; Polyclonal Antibody; RABBIT ANTI TIM-1; anti-TIM-1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This item detects T cell immunoglobulin mucin-1 (TIM-1), which was first identified as the receptor used by hepatitis A for viral entry (it is also known as the hepatitis A virus cellular receptor- HAVCR). TIM-1 is a key cell surface protein that binds TIM-4, leading to T cell proliferation and T helper type 2 (Th2) cytokine production. TIM-1 has also been shown to bind and activate macrophages. Two splice variants for human TIM-1 exist; TIM-1a is predominantly expressed in the liver, whilst TIM-1b is expressed in the kidney. Expression of TIM-1 in the kidney is thought to be upregulated in damaged tissue, and is thought to assist healing. TIM-1 polymorphisms are associated with asthma.
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	364
Applicable Applications for anti-TIM-1 antibody	WB (Western Blot)
Perservative Stabilisers	0.02% Sodium Azide
Immunogen	16 amino acid peptide sequence near the centre of human TIM-1. Buffer Solution
Antiserum Preparation	Antisera to human TIM-1 were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Western blot analysis of human uterine lysate probed with Rabbit anti Human TIM-1 (AAA49934) at 1(A) and 2(B) ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-TIM-1 antibody	MBS221475 detects T cell immunoglobulin mucin-1 (TIM-1), which was first identified as the receptor used by hepatitis A for viral entry (it is also known as the hepatitis A virus cellular receptor- HAVCR). TIM-1 is a key cell surface protein that binds TIM-4, leading to T cell proliferation and T helper type 2 (Th2) cytokine production. TIM-1 has also been shown to bind and activate macrophages. Two splice variants for human TIM-1 exist; TIM-1a is predominantly expressed in the liver, whilst TIM-1b is expressed in the kidney. Expression of TIM-1 in the kidney is thought to be upregulated in damaged tissue, and is thought to assist healing. TIM-1 polymorphisms are associated with asthma.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153085429
NCBI GeneID	26762
NCBI Accession #	NP_001092884.1
NCBI GenBank Nucleotide #	NM_001099414.1
UniProt Accession #	Q96D42; O43656
Molecular Weight	38,720 Da
NCBI Official Full Name	hepatitis A virus cellular receptor 1
NCBI Official Synonym Full Names	hepatitis A virus cellular receptor 1
NCBI Official Symbol	HAVCR1
NCBI Official Synonym Symbols	TIM; KIM1; TIM1; HAVCR; KIM-1; TIM-1; TIMD1; TIMD-1; HAVCR-1
NCBI Protein Information	hepatitis A virus cellular receptor 1; T cell immunoglobulin domain and mucin domain protein 1; T-cell immunoglobulin mucin family member 1; T-cell immunoglobulin mucin receptor 1; T-cell membrane protein 1; kidney injury molecule 1
UniProt Protein Name	Hepatitis A virus cellular receptor 1
UniProt Gene Name	HAVCR1
UniProt Synonym Gene Names	KIM1; TIM1; TIMD1; HAVcr-1; KIM-1; TIMD-1; TIM; TIM-1
UniProt Entry Name	HAVR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tim-1-antibody-western-blot-elisa/49934>