



Anti-HAVCR1 (center region) polyclonal antibody (CPBT-66973RT)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview

This product 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. Western Blotting detects a band of approximately 49kDa in human uterus tissue lysate.

Specificity	HAVCR1
Immunogen	16 amino acid peptide sequence near the centre of human TIM-1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Conjugate	Unconjugated
Applications	WB
Format	Purified IgG - liquid
Size	100 µg
Preservative	0.02% Sodium Azide
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.

GENE INFORMATION

Gene Name	HAVCR1 hepatitis A virus cellular receptor 1 [Homo sapiens (human)]
Official Symbol	HAVCR1
Synonyms	HAVCR1; hepatitis A virus cellular receptor 1; TIM; KIM1; TIM1; HAVCR; KIM-1; TIM-1; TIMD1; TIMD-1; HAVCR-1; kidney injury molecule 1; T-cell membrane protein 1; T-cell immunoglobulin mucin receptor 1; T-cell immunoglobulin mucin family member 1; T cell i
Entrez Gene ID	26762
Protein Refseq	NP_001092884
UniProt ID	Q96D42
Chromosome Location	5q33.2
Function	virus receptor activity;