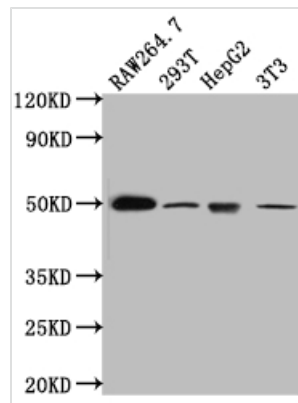




HAVCR1 Antibody

Product Code	CSB-RA974628A0HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q96D42
Immunogen	A synthesized peptide derived from human TIM 1
Species Reactivity	Human, Mouse
Tested Applications	ELISA, WB; Recommended dilution: WB:1:500-1:5000
Relevance	May play a role in T-helper cell development and the regulation of asthma and allergic diseases. Receptor for TIMD4 (By similarity). May play a role in kidney injury and repair.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Affinity-chromatography
Isotype	Rabbit IgG
Clonality	Monoclonal
Product Type	Recombinant Antibody
Immunogen Species	Homo sapiens (Human)
Research Area	Immunology; Microbiology
Gene Names	HAVCR1
Accession NO.	9E1

Image



Western Blot

Positive WB detected in: RAW264.7 whole cell lysate, 293T whole cell lysate, HepG2 whole cell lysate, NIH/3T3 whole cell lysate

All lanes: TIM1 antibody at 1:1000

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 40 kDa

Observed band size: 50 kDa

Description

HAVCR1 is connected to sickness vulnerability and was first detected in primate kidney cells. HAVCR1 has been found as a biomarker for hepatitis and acute renal injury that is both sensitive and specific. According to Vila et al., HAVCR1



inhibited cell differentiation and was highly expressed in clear cell renal cell carcinoma. According to current research, HAVCR1 has been associated with a variety of aggressive cancers, including renal cell carcinoma, human colorectal cancer, and ovarian clear cell carcinoma. As a result, HAVCR1 can be employed as a biomarker for the development and progression of tumors.

To produce the recombinant HAVCR1 antibody genes were cloned from B cells that were isolated from immunized animals with the A synthesized peptide derived from human TIM 1 and then were inserted into plasma vectors. Mammalian cells like CHO and HEK 293 cells were transfected with these recombinant vectors allowing for antibody expression. The cell culture supernatant underwent purification via Affinity-chromatography to obtain the recombinant HAVCR1 antibody. This recombinant HAVCR1 antibody can react with the HAVCR1 protein from Human, Mouse and is recommended for the use in the ELISA, WB.