

For Research Use Only

HAVCR1 Polyclonal antibody

Catalog Number: 26420-1-AP **1 Publications**



Basic Information

Catalog Number: 26420-1-AP	GenBank Accession Number: BC013325	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 367 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 26762	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: hepatitis A virus cellular receptor 1	
Isotype: IgG	Calculated MW: 359 aa, 39 kDa	
Immunogen Catalog Number: AG23888		

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: IF, IHC	WB: Jurkat cells, A549 cells
Species Specificity: human	IHC: human colon cancer tissue, human renal cell carcinoma tissue
Cited Species: mouse	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Hepatitis A virus cellular receptor 1 (HAVCR1, also known as TIM-1, KIM-1 or CD365) is a class I integral membrane glycoprotein, with an ectodomain containing Ig-like domain and a mucin domain. HAVCR1 acts as a membrane receptor for hepatitis A virus (HHAV) (PMID: 9658108; 8861957). HAVCR1 provides a costimulatory signal for T cell activation and inhibits the development of peripheral tolerance (PMID: 16284246; 15793575). HAVCR1 may be involved in the regulation of asthma and allergic diseases (PMID: 14534576). It has been reported that HAVCR1 is shed into urine after acute kidney damage and is a marker of renal tubular injury (PMID: 14600030).

Notable Publications

Author	Pubmed ID	Journal	Application
Jing-Bo Hu	29188738	Drug Deliv	IHC, IF

Storage

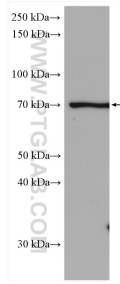
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

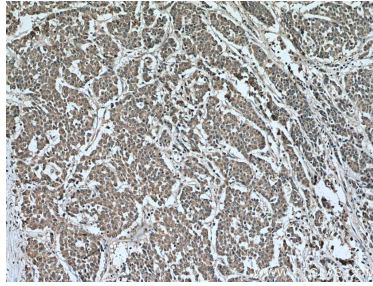
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

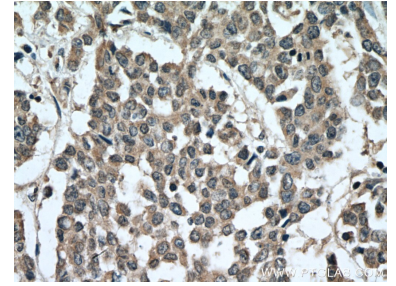
Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 26420-1-AP (HAVCR1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 26420-1-AP (HAVCR1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 26420-1-AP (HAVCR1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).