

For Research Use Only

CA7 Polyclonal ANTIBODY

Catalog Number: 13670-1-AP



Basic Information

Catalog Number: 13670-1-AP	GenBank Accession Number: BC033865	Purification Method: Antigen affinity purification
Size: 150UL, Concentration: 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 766	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:250-1:1000 IF 1:50-1:500
Source: Rabbit	Full Name: carbonic anhydrase VII	
Isotype: IgG	Calculated MW: 264 aa, 30 kDa	
Immunogen Catalog Number: AG4649	Observed MW: 30 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Species Specificity:

human, mouse, rat

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

Positive Controls:

WB: HEK-293 cells, mouse kidney tissue, rat kidney tissue

IHC: human liver cancer tissue, human kidney tissue, human stomach tissue

IF: HeLa cells,

Background Information

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

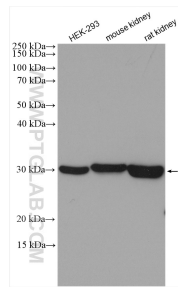
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

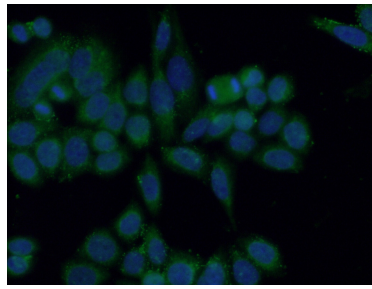
E: proteintech@ptglab.com
W: ptglab.com

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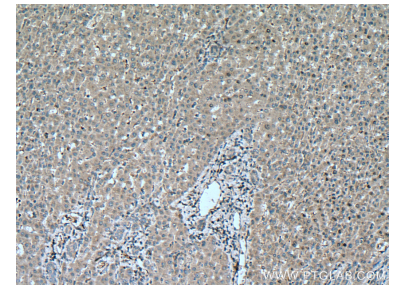
Selected Validation Data



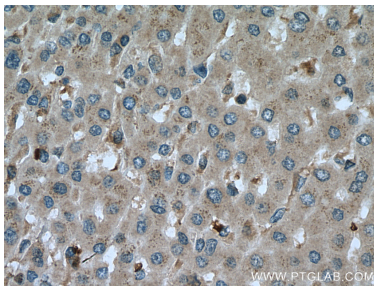
Various lysates were subjected to SDS PAGE followed by western blot with 13670-1-AP (CA7 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 13670-1-AP (CA7 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 13670-1-AP (CA7 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 13670-1-AP (CA7 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).