

For Research Use Only

CA7 Polyclonal antibody

Catalog Number: 13670-1-AP **1 Publications**



Basic Information

Catalog Number: 13670-1-AP	GenBank Accession Number: BC033865	Purification Method: Antigen affinity purification
Size: 450 µg/ml	GeneID (NCBI): 766	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:250-1:1000 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: P43166	
Isotype: IgG	Full Name: carbonic anhydrase VII	
Immunogen Catalog Number: AG4649	Calculated MW: 264 aa, 30 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications: IF/ICC, IHC, WB, ELISA	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,
Cited Applications: IF	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse, pig, rat	
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

Notable Publications

Author	Pubmed ID	Journal	Application
Haonan Li	35511361	Cell Regen	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

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

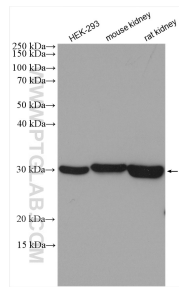
T: 4006900926

E: Proteintech-CN@ptglab.com

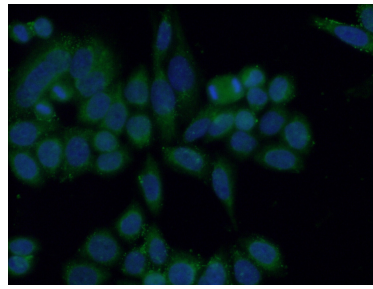
W: ptgcn.com

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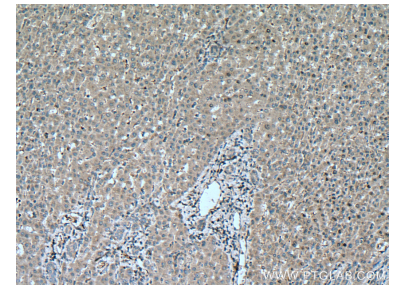
Selected Validation Data



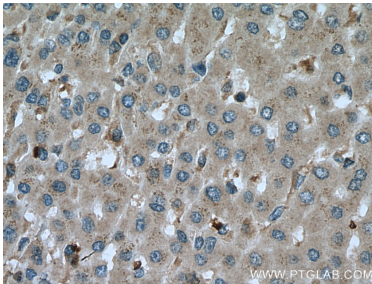
Various lysates were subjected to SDS PAGE followed by western blot with 13670-1-AP (CA7 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



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).