For Research Use Only

Cathepsin D Polyclonal antibody

Catalog Number:21327-1-AP

Featured Product

125 Publications

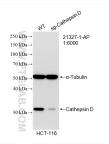


Basic Information	Catalog Number: 21327-1-AP Size: 150ul, Concentration: 700 ug/ml by Nanodrop; Source: Rabbit Isotype: IgG Immunogen Catalog Number: AG15254	UNIPROT ID: P07339 Full Name: cathepsin D Calculated MW: 412 aa, 45 kDa Observed MW:		Purification Method: Antigen affinity purification Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000 IF/ICC 1:200-1:800	
Applications	Tested Applications: WB, IHC, IF/ICC, ELISA Cited Applications:	32 kDa, 48 kDa, 52 kDa Positive Controls: WB : A375 cells, HCT 116 cells, HuH-7 cells, HepG2 cells, MCF-7 cells			
	WB, IHC, IF		IHC : human hepatocirrhosis tissue,		
	Species Specificity: human, mouse	Species Specificity:		ICF-7 cells, A431 cells	
	Cited Species: human, mouse, rat, pig, bovine 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 Pu	bmed ID Jo	urnal	Application	
			urnat Exp Clin Cancer Re	Application WB	
			od Chem Toxicol		
			ytother Res	WB	
Storage *** 20ul sizes contain 0.1% BSA	Storage: Store at -20°C. Stable for one year a Storage Buffer: PBS with 0.02% sodium azide and 5 Aliquoting is unnecessary for -20°C	0% glycerol, pH7.3			

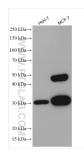
For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)E: proteintech@ptglab.comW: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

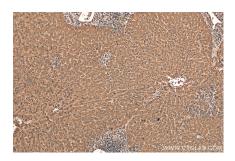
Selected Validation Data



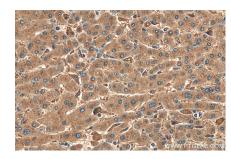
WB result of Cathepsin D antibody (21327-1-AP; 1:6000; room temperature for 1.5 hours) with wildtype and sg-Cathepsin D transfected HCT-116 cells.



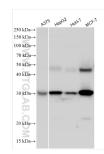
Various lysates were subjected to SDS PAGE followed by western blot with 21327-1-AP (Cathepsin D antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



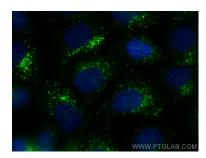
Immunohistochemical analysis of paraffinembedded human hepatocirrhosis tissue slide using 21327-1-AP (Cathepsin D antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



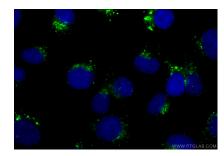
Immunohistochemical analysis of paraffinembedded human hepatocirrhosis tissue slide using 21327-1-AP (Cathepsin D antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 21327-1-AP (Cathepsin D antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using Cathepsin D antibody (21327-1-AP) at dilution of 1:400 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using Cathepsin D antibody (21327-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).