For Research Use Only

HDDC3 Polyclonal antibody Catalog Number:21091-1-AP 2 Publications

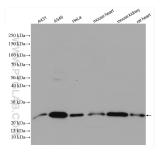


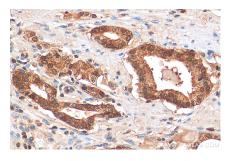
Basic Information	Catalog Number: 21091-1-AP	GenBank Accession Nu BC033794	mber:	Purification Method: Antigen affinity purification	
	Size:	GeneID (NCBI):		Recommended Dilutions:	
	150ul, Concentration: 350 ug/ml by			WB 1:1000-1:4000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500	
	Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;				
	Source:				
	Rabbit				
	Isotype:	Calculated MW:			
	IgG	179 aa, 20 kDa			
	Immunogen Catalog Number: AG15342	Observed MW: 22-25 kDa			
Applications	Tested Applications:	Positive Controls:		rols:	
	WB, IP, IHC, ELISA Cited Applications:			lls, HeLa cells, human heart tissue, mous	
	WB		heart tissue, mouse kidney tissue, mouse lung tissue, mouse pancreas tissue, mouse testis tissue, A549 cell		
	Species Specificity:		rat heart tissu		
	human, mouse, rat		IP : HeLa cells		
	have a second		IHC : human p	nan prostate cancer tissue, human brain uman breast cancer tissue, human kidney	
			tissue		
	MESH1, encodes by HDDC3 in human orthologs in metazoan (PMID: 208183	-	c NADPH phos	•	
Background Information	conditions, leading to the NADPH dep characterized by lipid peroxidation. A promotes their ferroptotic survival(PA	Accordingly, MESH1 rem	oval preserves	iron-dependent regulated cell death the NADPH level in stressed cells and	
<u> </u>	characterized by lipid peroxidation. A promotes their ferroptotic survival (PI	Accordingly, MESH1 rem	oval preserve: 294679).		
Background Information	characterized by lipid peroxidation. A promotes their ferroptotic survival(P) Author Pub	Accordingly, MESH1 rem MID: 32462112, PMID: 34	oval preserves 294679).	the NADPH level in stressed cells and	
<u> </u>	characterized by lipid peroxidation. A promotes their ferroptotic survival (P) Author Public Tianai Sun 352	Accordingly, MESH1 rem MID: 32462112, PMID: 34 med ID Journal	oval preserves 294679). ath Dis	the NADPH level in stressed cells and Application	
<u> </u>	characterized by lipid peroxidation. A promotes their ferroptotic survival (Promotes	Accordingly, MESH1 remo MID: 32462112, PMID: 34 med ID Journal 73140 Cell De 95574 Biomolo eer shipment.	oval preserves 294679). ath Dis	the NADPH level in stressed cells and Application WB	

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

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Selected Validation Data



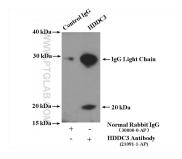


Various lysates were subjected to SDS PAGE followed by western blot with 21091-1-AP (HDDC3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffinembedded human prostate cancer tissue slide using 21091-1-AP (HDDC3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded human prostate cancer tissue slide using 21091-1-AP (HDDC3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-HDDC3 (IP:21091-1-AP, 4ug; Detection:21091-1-AP 1:500) with HeLa cells lysate 3400ug.