For Research Use Only

ATPIF1 Polyclonal antibody

Catalog Number:12067-1-AP

Featured Product

9 Publications



Basic Information	Catalog Number: 12067-1-AP	GenBank Accession Number: BC009677	Purification Method: Antigen affinity purification
	Size:	GenelD (NCBI):	Recommended Dilutions:
	1000 µg/ml	93974	WB 1:500-1:2400
	Source:	UNIPROT ID:	IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
	Rabbit	Q9UII2	IHC 1:50-1:500
	Isotype: IgG	Full Name: ATPase inhibitory factor 1	IF/ICC 1:50-1:500
	Immunogen Catalog Number: AG2704	Calculated MW: 106 aa, 12 kDa	
		Observed MW: 12 kDa	
Applications	Tested Applications: WB, IHC, IF/ICC, IP, ELISA	Positive Controls:	
	Cited Applications:		
	WB, IHC, IF	IP : HeLa	
	Species Specificity:		nan liver tissue, Han Calcolle
	human Cited Species:	ir/icc.	HepG2 cells,
	human		
	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	cell physiology. ATP synthase dys ATPIF1 gene encodes mitochondr limits ATP depletion when the mi starts hydrolyzing ATP to pump pr	function is involved in the onset and ial ATPase Inhibitory Factor 1 (IF1), tochondrial membrane potential fal otons out of the mitochondrial matri tion mediating the shift of cancer cel	d progression of diverse human pathologies also named ATPI, ATPIP or IP. Endogenous I Is below a threshold and the ATP synthase
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For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: ptgcn.com

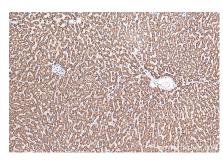
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data

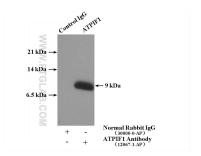
1.5 hours.



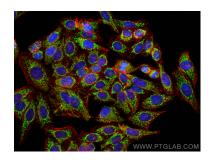
HeLa cells were subjected to SDS PAGE followed by western blot with 12067-1-AP (ATPIF1 antibody) at dilution of 1:500 incubated at room temperature for



Immunohistochemical analysis of paraffinembedded human liver tissue slide using 12067-1-AP (ATPIF 1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-ATPIF1 (IP:12067-1-AP, 4ug; Detection:12067-1-AP 1:500) with HeLa cells lysate 3440ug.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using ATPIF1 antibody (12067-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).