For Research Use Only

LEPR Polyclonal antibody Catalog Number: 20966-1-AP Featured Product

Featured Product

29 Publications



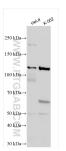
Basic Information	Catalog Number: 20966-1-AP	GenBank Accession NM_002303	Number:	Purification Method: Antigen affinity purification	
	Size: 150ul , Concentration: 650 ug/ml by Nanodrop; Source: Rabbit Isotype: IgG	GenelD (NCBI):		Recommended Dilutions: WB: 1:500-1:1000 IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC: 1:50-1:500 IF/ICC: 1:10-1:100 FC (Intra): 0.40 ug per 10^6 cells in a 100 µl suspension	
Applications	Tested Applications:		Positive Contro	ols:	
Αρρτιζατιστις	WB, IHC, IF/ICC, FC (Intra), IP, ELISA Cited Applications:		WB : HeLa cells, PC-3 cells, mouse heart tissue, K-562 cells		
	WB, IHC, IF, IP		IP : mouse hea	IP : mouse heart tissue, IHC : mouse liver tissue, human heart tissue, human prostate hyperplasia tissue	
	Species Specificity: human, mouse				
	Cited Species: human, mouse, rat		IF/ICC : MCF-7	r cells,	
	Note-IHC: suggested antigen (TE buffer pH 9.0; (*) Alternati retrieval may be performed w buffer pH 6.0	vely, antigen	FC (Intra) : Hel	a ceus,	
Background Information	neuroendocrine functions, from energ receptor (LEPR, also known as OB-R), ligand binding, LEPR mediates signa regulation of glucose homeostasis vi different isoforms of LEPR have been	gy homeostasis to repr a single-transmembra ling through JAK2/STA a feeding and adiposi described. This antibo	oduction (PMID: 2 ne-domain recep 173 (PMID: 910239 ty. Alternatively ody can recognize		
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

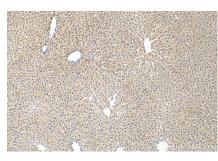
E: proteintech@ptglab.com W: ptglab.com

Group brand and is not available to purchase from any other manufacturer.

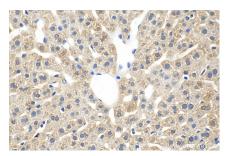
Selected Validation Data



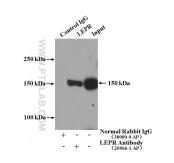
Various lysates were subjected to SDS PAGE followed by western blot with 20966-1-AP (LEPR antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



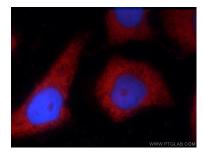
Immunohistochemical analysis of paraffinembedded mouse liver tissue slide using 20966-1-AP (LEPR antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



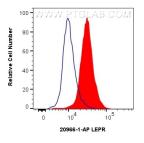
Immunohistochemical analysis of paraffinembedded mouse liver tissue slide using 20966-1-AP (LEPR antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-LEPR (IP:20966-1-AP, 5ug; Detection:20966-1-AP 1:700) with mouse heart tissue lysate 4000ug.



Immunofluorescent analysis of MCF-7 cells using 20966-1-AP (LEPR antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.



1x10^6 HeLa cells were intracellularly stained with 0.4 ug LEPR Polyclonal antibody (20966-1-AP) and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.4 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).