For Research Use Only

KGA-Specific Polyclonal antibody

Catalog Number:20170-1-AP

Featured Product

15 Publications

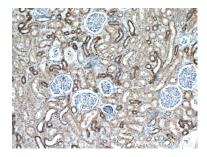


Basic Information	Catalog Number: 20170-1-AP	GenBank Accession Number: BC038507		Purification Method: Antigen affinity purification	
	Size: Genel D (NCBI): 1400 µ g/ml 2744			Recommended Dilutions:	
				WB 1:500-1:1000	
	Source: Rabbit	UNIPROT ID:		IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:20-1:200	
	Isotype:	O94925 Full Name:			
	IgG	glutaminase Calculated MW: 669 aa, 73 kDa Observed MW: 66 kDa		IF 1:20-1:400	
	Immunogen Catalog Number: AG14002				
Applications	IF/ICC, IHC, IP, WB, ELISA WB : HE Cited Applications: tissue, WB, IF, IHC, CoIP tissue, Species Specificity: IP : HEI human, mouse, rat IHC : hu Cited Species: kidney human, rat, mouse			Positive Controls: VB : HEK-293 cells, mouse kidney tissue, human hea issue, human brain tissue, K-562 cells, mouse brain issue, HeLa cells, rat brain tissue	
			tissue, hun		
			IP : HEK-29	93 cells,	
			IHC : huma	C : human kidney tissue, human brain tissue, mou	
			kidney tiss	sue	
	IF : HEK-293 cells, 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	
	Daniel Herranz	26390244	Nat Med	WB	
	Kalpana D Acharya	28955722	eNeuro	WB	
	Niki Marie Zacharias	29170516	Sci Rep	WB	
Storage	Storage: Store at -20°C. Stable for one yea Storage Buffer:	ar after shipment.			

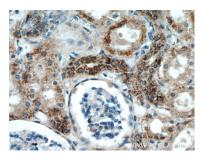
For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: ptgcn.com

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

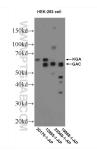
Selected Validation Data



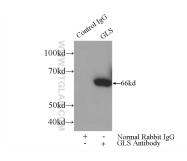
Immunohistochemical analysis of paraffinembedded human kidney using 20170-1-AP (KGA-Specific antibody) at dilution of 1:100 (under 10x lens).



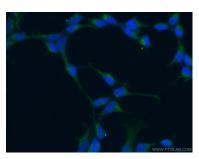
Immunohistochemical analysis of paraffinembedded human kidney using 20170-1-AP (KGA-Specific antibody) at dilution of 1:100 (under 40x lens).



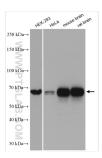
HEK-293 cells were subjected to SDS PAGE followed by western blot with 2017O-1-AP (KGA-Specific antibody at dilution of 1:600 incubated at 4 degree celsius over night.



IP result of anti-KGA-Specific (IP:20170-1-AP, 3ug; Detection:20170-1-AP 1:800) with HEK-293 cells lysate 3200ug.



Immunofluorescent analysis of (-20 $^\circ\!C$ Ethanol) fixed HEK-293 cells using 20170-1-AP (KGA-Specific antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 20170-1-AP (KGA-Specific antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.