For Research Use Only

KGA/GAC Polyclonal antibody Catalog Number: 12855-1-AP Featured Product 104 Pt

Featured Product

104 Publications



Basic Information	Catalog Number: 12855-1-AP	GenBank Accession N BC038507	lumber:	Purification Method: Antigen affinity purification
	Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	UNIPROT ID:		Recommended Dilutions: WB 1:5000-1:50000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
	Source: Rabbit	094925 Full Name:		IHC 1:50-1:500 IF/ICC 1:50-1:500
	Isotype: IgG Immunogen Catalog Number: AG3505	glutaminase Calculated MW: 669 aa, 73 kDa	:	
		Observed MW: 58 kDa, 65 kDa		
Applications			Positive Cont	rols:
	WB, IHC, IF/ICC, FC (Intra), IP, ELISA Cited Applications: WB, IHC, IF, IP, CoIP		WB : mouse brain tissue, A549 cells, COLO 320 cells HEK-293 cells, mouse kidney tissue, rat brain tissue rat liver tissue	
	Species Specificity:		IP : mouse bra	
	human, mouse, rat		IHC : human g	liomas tissue, human kidney tissue,
	Cited Species: human, mouse, rat, cat		human brain 1	tissue
	Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0			
		ith citrate		
Background Information	buffer pH 6.0 GLS, also named as GLS1 and KIAAO8 primary pathway for the renal catabo neurons develop neurofibrillary tang cells is more intense than in HT29 ce same molecular mass of approx. 63 I glutaminase (58 kDa) and rat kidney	138, belongs to the glut Jism of glutamine. Glu gles in Alzheimer's dise Ils, in accordance with (Da. The bands for both glutaminase (65 kDa) t glutaminase(PMID:44	utaminase-, glut ease(PMID:16728 measurements cell lines are cl (PMID:12408749	amate-, and taurine-immunoreactive 308).The glutaminase band in AA/C1 of glutaminase activity, and had the early different in size from both rat liv). It also reveals a molecular weight c
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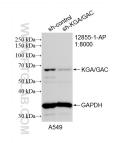
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com

in USA), or 1(312) 455-8498 (outside USA)

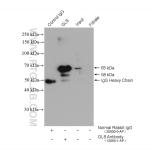
W: ptglab.com

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Selected Validation Data



WB result of KGA/GAC antibody (12855-1-AP; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-KGA/GAC transfected A549 cells.



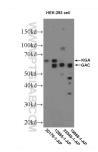
IP result of anti-KGA/GAC (IP:12855-1-AP, 4ug; Detection:12855-1-AP 1:5000) with mouse brain tissue lysate 2400 ug.



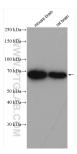
Immunohistochemical analysis of paraffinembedded human gliomas tissue slide using 12855-1-AP (KGA/GAC antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



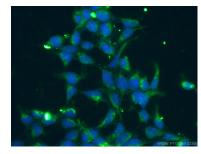
Immunohistochemical analysis of paraffinembedded human gliomas tissue slide using 12855-1-AP (KGA/GAC antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



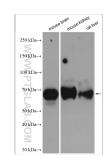
HEK-293 cells were subjected to SDS PAGE followed by western blot with 12855-1-AP (KGA/GAC antibody at dilution of 1:600 incubated at 4 degree celsius over night.



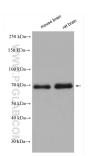
Various lysates were subjected to SDS PAGE followed by western blot with 12855-1-AP (KGA/GAC antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.



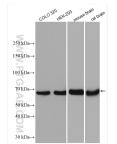
Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using 12855-1-AP (KGA/GAC antibody) at dilution of 1:50 and Alexa Fluor 488conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

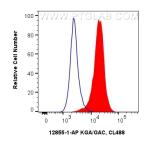


Various lysates were subjected to SDS PAGE followed by western blot with 12855-1-AP (KGA/GAC antibody) at dilution of 1:12000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 12855-1-AP (KGA/GAC antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.





Various lysates were subjected to SDS PAGE followed by western blot with 12855-1-AP (KGA/GAC antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours. 1X10[^]6 HeLa cells were intracellularly stained with 0.4 ug Anti-Human KGA/GAC (12855-1-AP) and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP, Clone:) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).