For Research Use Only

PHF10 Monoclonal antibody

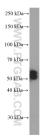
Catalog Number:66341-1-lg 3 Publications

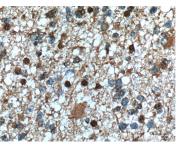


66341-1-Ig Size: 150ul, Concentration: 1500 µg/ml by Nanodrop and 1000 µg/ml by Bradfor method using BSA as the standard; Source: Mouse Isotype: IgG1 Immunogen Catalog Number: AG19096 Tested Applications: IHC, WB,ELISA Cited Applications: CoIP, IF, WB Species Specificity: human, mouse Cited Species: human, mouse		Positive Con WB : fetal hun cells	Protein G purification CloneNo.: 4D4C6 Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 trols: man brain tissue, HEK-293 cells, Neuro-2 gliomas tissue,	
150ul, Concentration: 1500 µg/ml by Nanodrop and 1000 µg/ml by Bradfor method using BSA as the standard; Source: Mouse Isotype: IgG1 Immunogen Catalog Number: AG19096 Tested Applications: IHC, WB,ELISA Cited Applications: ColP, IF, WB Species Specificity: human, mouse Cited Species:	y 55274 rd _{Full Name:} PHD finger protein 10 Calculated MW: 408 aa, 46 kDa Observed MW:	Positive Con WB : fetal hun cells	4D4C6 Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500	
method using BSA as the standard; Source: Mouse Isotype: IgG1 Immunogen Catalog Number: AG19096 Tested Applications: IHC, WB,ELISA Cited Applications: ColP, IF, WB Species Specificity: human, mouse Cited Species:	PHD finger protein 10 Calculated MW: 408 aa, 46 kDa Observed MW:	Positive Con WB : fetal hun cells	WB 1:500-1:2000 IHC 1:50-1:500 trols: man brain tissue, HEK-293 cells, Neuro-2	
Mouse Isotype: IgG1 Immunogen Catalog Number: AG19096 Tested Applications: IHC, WB,ELISA Cited Applications: CoIP, IF, WB Species Specificity: human, mouse Cited Species:	408 aa, 46 kDa Observed MW:	WB : fetal hui cells	trols: man brain tissue, HEK-293 cells, Neuro-2	
IgG1 Immunogen Catalog Number: AG19096 Tested Applications: IHC, WB,ELISA Cited Applications: CoIP, IF, WB Species Specificity: human, mouse Cited Species:	Observed MW:	WB : fetal hui cells	man brain tissue, HEK-293 cells, Neuro-2	
AG19096 Tested Applications: IHC, WB,ELISA Cited Applications: ColP, IF, WB Species Specificity: human, mouse Cited Species:	50 A (C, 50 A (C	WB : fetal hui cells	man brain tissue, HEK-293 cells, Neuro-2	
IHC, WB,ELISA Cited Applications: CoIP, IF, WB Species Specificity: human, mouse Cited Species:		WB : fetal hui cells	man brain tissue, HEK-293 cells, Neuro-2	
Cited Applications: ColP, IF, WB Species Specificity: human, mouse Cited Species:		cells		
Species Specificity: human, mouse Cited Species:		IHC : human	gliomas tissue,	
Cited Species:		Species Specificity:		
numan, mouse				
N . 110				
Note-IHC: suggested antigen (TE buffer pH 9.0; (*) Alternati retrieval may be performed w buffer pH 6.0	vely, antigen			
Belongs to the SAYP family. PHF 10 In to the neural progenitors-specific chr proliferation of neural progenitors. D chromatin remodeling mechanism o The transition from proliferating neu- composition of the npBAF and nBAF npBAF complexes which contain ACT ACTL6B/BAF53B and DPF 1/BAF45B o complex is essential for the self-reme complex along with CREST plays a re-	nvolve in transcription a romatin remodeling con Juring neural developm. ccurs as neurons exit th Iral stem/progenitor cel complexes. As neural pi FLGA/BAF53A and PHF1 or DPF3/BAF45C subuni ewal/proliferative capa pole regulating the activi	activity regulat nplex (npBAF of ent a switch fro e cell cycle and ls to post-mito orgenitors exit 0/BAF45A, are ts in neuron-sp city of the mul ty of genes ess	tion by chromatin remodeling. It Belong complex) and is required for the om a stem/progenitor to a post-mitotic d become committed to their adult state tic neurons requires a switch in subunit mitosis and differentiate into neurons, exchanged for homologous alternative ecific complexes (nBAF). The npBAF tipotent neural stem cells. The nBAF sential for dendrite growth. PHF10 exists	
Author Pub	med ID Journa	l	Application	
Yanchen Ma 347	24258 Glia		WB	
Yuliang Feng 377	39089 Gastroe	enterology	IF	
Yuliang Feng 369	09530 bioRxiv	I	ColP	
Storage Buffer: PBS with 0.02% sodium azide and 50	0% glycerol pH 7.3.			
	5			
	Belongs to the SAYP family. PHF 10 In to the neural progenitors-specific cha proliferation of neural progenitors. D chromatin remodeling mechanism o The transition from proliferating neu- composition of the npBAF and nBAF npBAF complexes which contain ACC ACTL6B/BAF53B and DPF 1/BAF45B o complex is essential for the self-remo- complex along with CREST plays a re- as several isoform and the calculated Author Pub Yanchen Ma 3447 Yuliang Feng 369 Storage: Storage Buffer: PBS with 0.02% sodium azide and 500	Belongs to the SAYP family. PHF 10 Involve in transcription a to the neural progenitors-specific chromatin remodeling com proliferation of neural progenitors. During neural developm chromatin remodeling mechanism occurs as neurons exit th The transition from proliferating neural stem/progenitor cel composition of the npBAF and nBAF complexes. As neural pr npBAF complexes which contain ACTL6A/BAF53A and PHF1 ACTL6B/BAF53B and DPF1/BAF45B or DPF3/BAF45C subunit complex is essential for the self-renewal/proliferative capa complex along with CREST plays a role regulating the activit as several isoform and the calculated molecular weight of er Author Pubmed ID Journa Yanchen Ma 34724258 Glia Yuliang Feng 37739089 Gastroo Yuliang Feng 36909530 bioRxin Storage: Store at -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Aliquoting is unnecessary for -20°C storage	Yanchen Ma34724258GliaYuliang Feng37739089GastroenterologyYuliang Feng36909530bioRxivStorage: Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Aliquoting is unnecessary for -20°C storage	

in USA), or 1(312) 455-8498 (outside USA) W: ptglab.com other manufacturer.

Selected Validation Data





fetal human brain tissue were subjected to SDS PAGE followed by western blot with 66341-1-1g (PHF 10 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. Immunohistochemical analysis of paraffinembedded human gliomas tissue slide using 66341-1-1g (PHF 10 Antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).