For Research Use Only

WDR81 Polyclonal antibody

Catalog Number:24874-1-AP

Featured Product 4 Publications

ublications

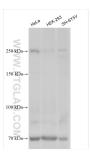


WB, IHC, IP/ICC, IF-P, EDSA WB: HeLa cells, HEK-293 cells, SH-SY5Y cell Cited Applications: IHC : mouse cerebellum tissue, WB Species Specificity: human, mouse IF/ICC : HepG2 cells, Cited Species: Imman, mouse, rat Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information WD repeat-containing protein 81 (WDR81) is a 1941 amino acid protein, which contains one BEACH doma WD repeats. WDR81 is widely expressed in the brain. WDR81 has an association with cerebellar ataxia, m retardation, and dysequilibrium syndrome 2. WDR81 exists as six isoforms.		Catalog Number: 24874-1-AP	GenBank Accession Nu BC114568	ımber:	Purification Method: Antigen affinity purification	
Nanodrop; UNIPROT ID: IHC 1:200-1:800 Source: Q562E7 IF-P 1:50-1:500 Rabbit Full Name: IF/ICC 1:200-1:800 Isotype: WD repeat domain 81 IgG Calculated MW: Immunogen Catalog Number: 1941 aa, 212 kDa AG21666 Observed MW: 74-80 kDa, 250 kDa Agplications: Positive Controls: WB, IHC, IF/ICC, IF-P, ELISA WB: HeLa cells, HEK-293 cells, SH-SYSY cell Cited Applications: UHC : mouse cerebellum tissue, WB IHC : mouse cerebellum tissue, WB IF-P: mouse cerebellum tissue, WB IF-P: mouse cerebellum tissue, Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; [*] Alternatively, antigen retrieval with TE buffer pH 9.0; [*] Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 WD repeats. WDR81 is widely expressed in the brain. WDR81 has an association with cerebellar ataxia, m retardation, and dysequilibrium syndrome 2. WDR81 exists as six isoforms.		150ul , Concentration: 1000 ug/ml by Nanodrop;	124997 WB UNIPROT ID: IHC Q562E7 IF-P Full Name:		WB 1:500-1:1000 IHC 1:200-1:800 IF-P 1:50-1:500	
Source: Q562F7 IF-P 1:50-1:500 Rabbit Full Name: IF/ICC 1:200-1:800 Isotype: WD repeat domain B1 IgG IgG Calculated MW: Immunogen Catalog Number: 1941 aa, 212 kDa AG21666 Observed MW: 74-80 kDa, 250 kDa VB : HeLa cells, HEK-293 cells, SH-SYSY cell Cited Applications: WB IHC: mouse cerebellum tissue, IF-P : mouse cerebellum tissue, WB Species Specificity: IF-P : mouse cerebellum tissue, IF/ICC : HepG2 cells, human, mouse IF/ICC : HepG2 cells, Cited Species: human, mouse, rat Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 9.0; (*) Alternatively antigen retrieval with citrate Background Information WD Repeat-containing protein 81 (WDR81) is a 1941 amino acid protein, which contains one BEACH doma WD repeat-containing protein 81 (WDR81) is a sociation with cerebellar ataxia, m retardation, and dysequilibrium syndrome 2. WDR81 exists as six isoforms.						
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retardation, and dysequilibrium syndrome 2. WDR81 exists as six isoforms.						
Notable Publications Author Pubmed ID Journal Applica	ackground Information	WD repeats. WDR81 is widely express	sed in the brain. WDR81	has an associa		
	otable Publications	Author Pub	med ID Journa	ι	Application	
Min Wang 30531936 Mol Psychiatry		Min Wang 305	31936 Mol Psy	Mol Psychiatry		
Mohamed S Abdel-Hamid 34338917 Neurogenetics WB		Mohamed S Abdel-Hamid 343	38917 Neurog	Neurogenetics		
Meiyue Wang 39920811 Stem Cell Res Ther WB		Meiyue Wang 399	20811 Stem C	ell Res Ther	WB	
Storage:		Storage:				
Store at -20°C. Stable for one year after shipment. Storage Buffer:	torage		er shipment.			
PBS with 0.02% sodium azide and 50% glycerol nH7 3	torage	Storage Buffer:	% glycerol nH7 3			
PBS with 0.02% sodium azide and 50% glycerol, pH7.3 Aliquoting is unnecessary for -20°C storage	torage	Storage Buffer: PBS with 0.02% sodium azide and 50				

For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll freeE: proteintech@ptglab.comin USA), or 1(312) 455-8498 (outside USA)W: ptglab.com

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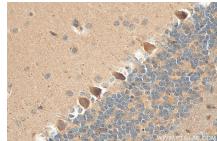
Selected Validation Data



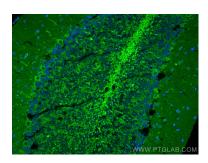
Various lysates were subjected to SDS PAGE followed by western blot with 24874-1-AP (WDR81 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



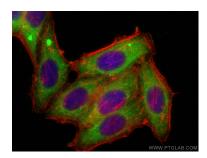
Immunohistochemical analysis of paraffinembedded mouse cerebellum tissue slide using 24874-1-AP (WDR81 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded mouse cerebellum tissue slide using 24874-1-AP (WDR81 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse cerebellum tissue using WDR81 antibody (24874-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using WDR81 antibody (24874-1-AP) at dilution of 1:400 and Coralite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).